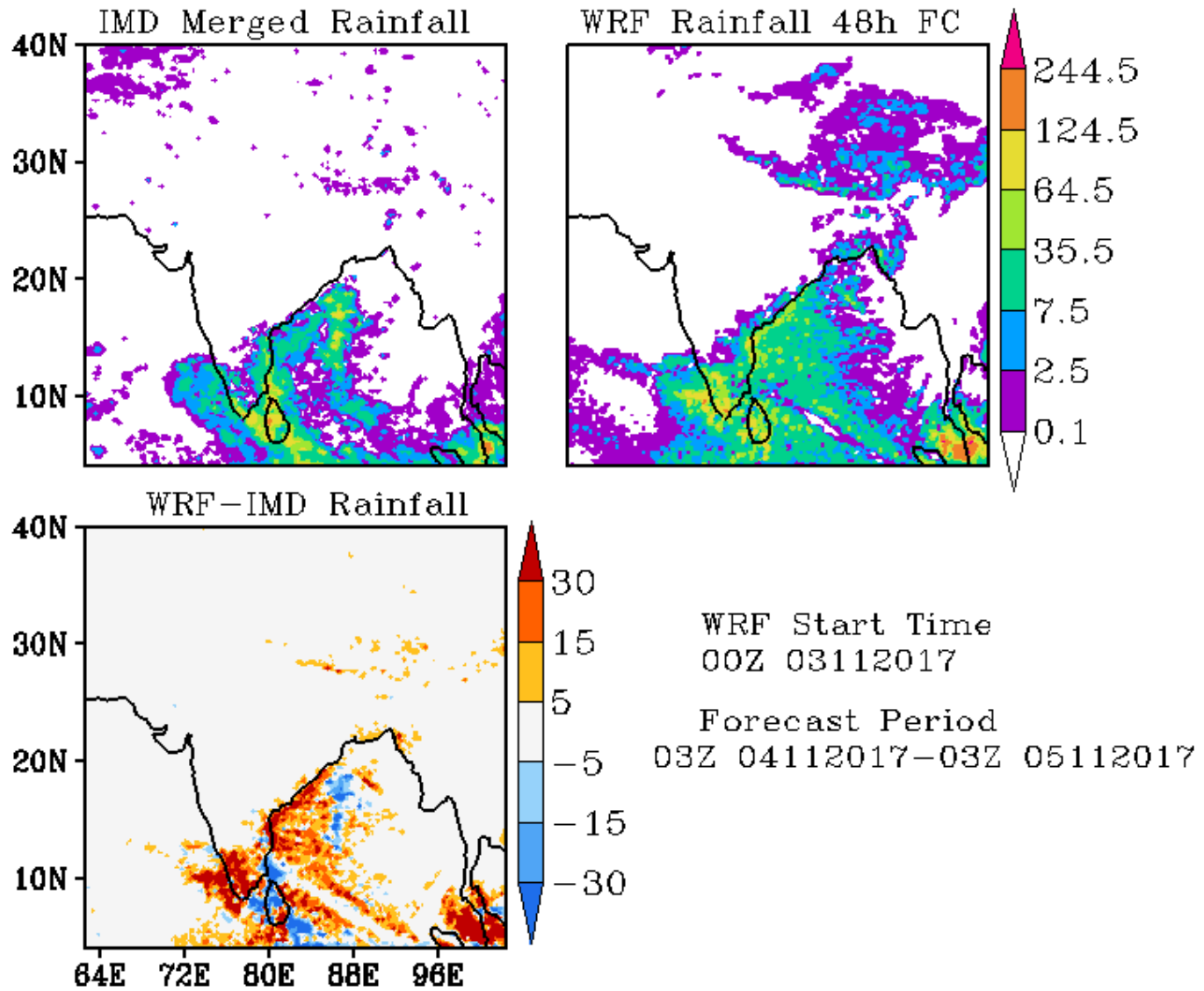
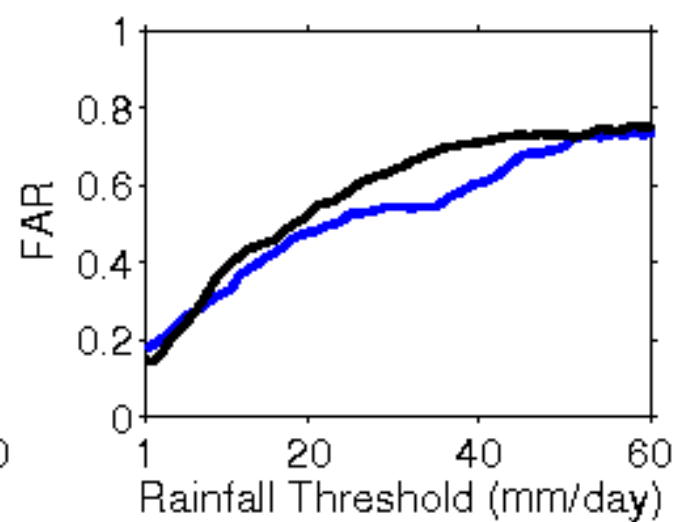
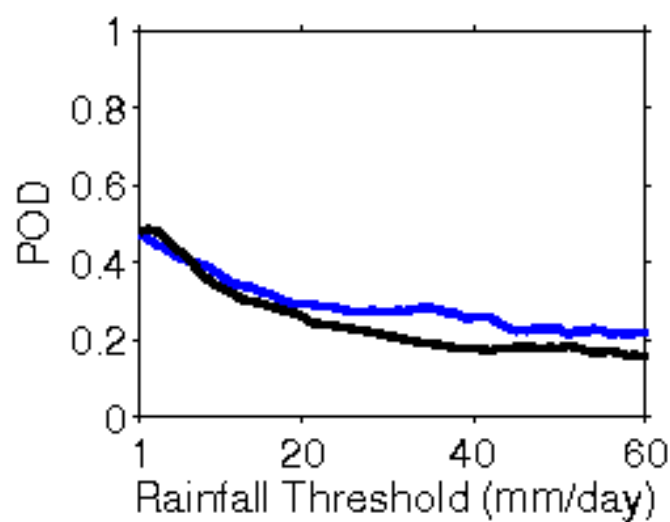
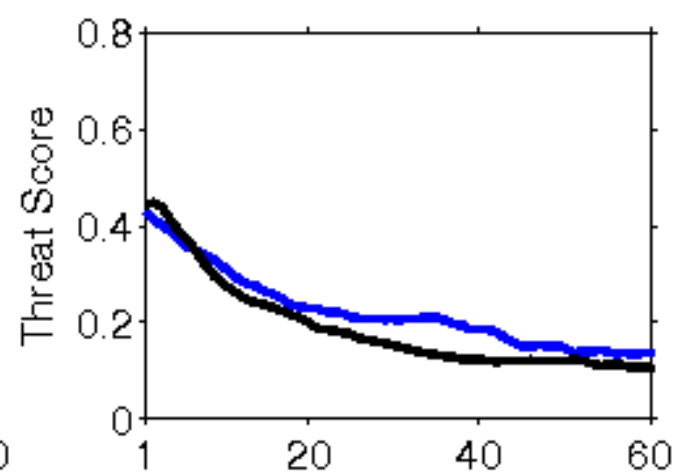
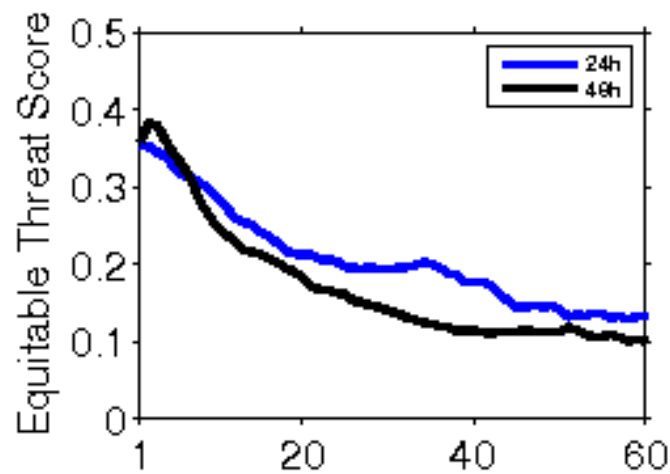
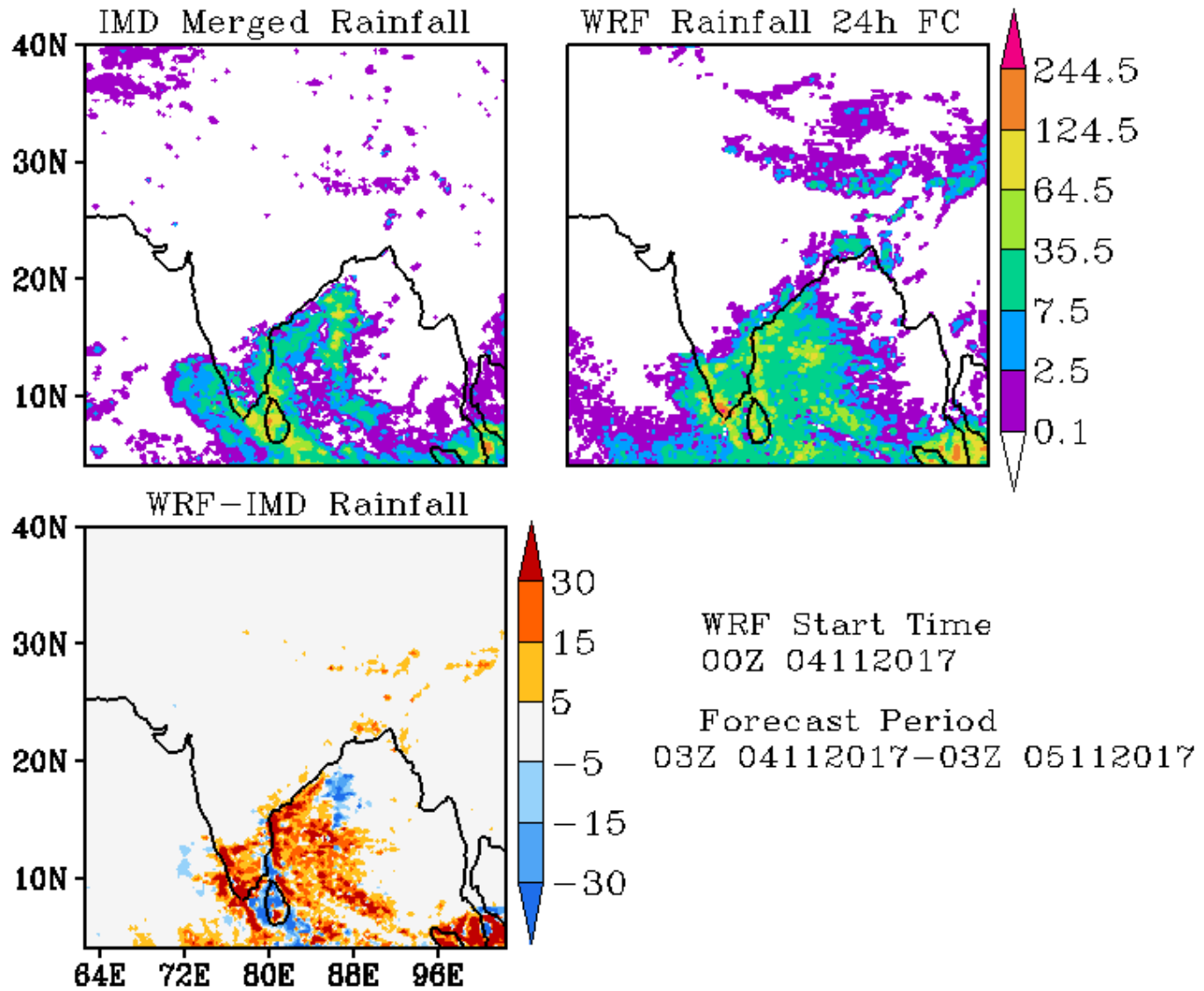


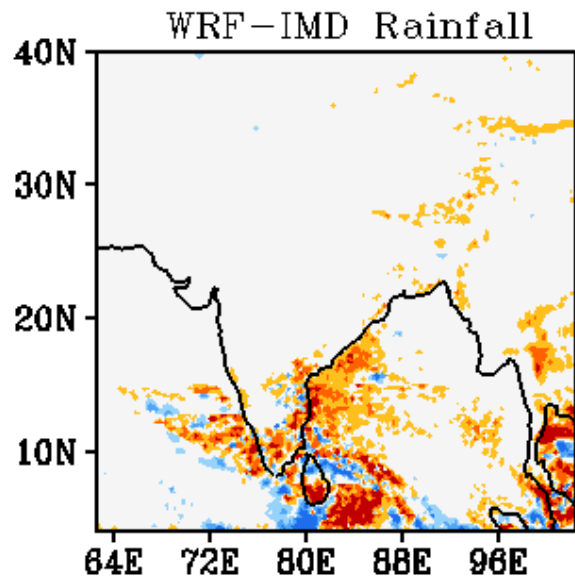
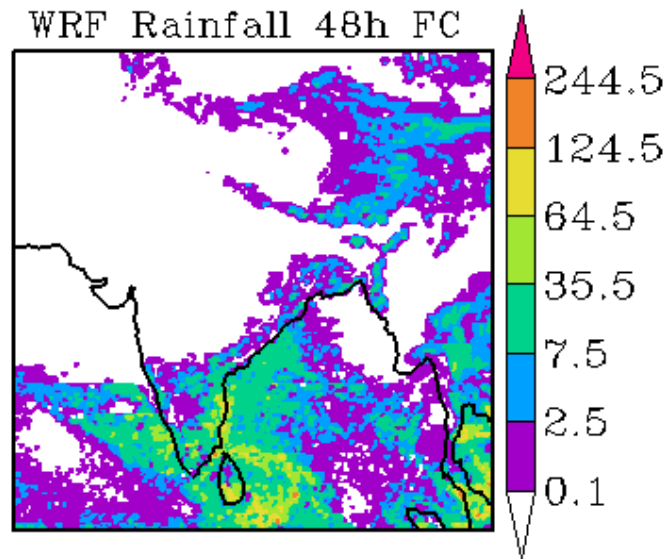
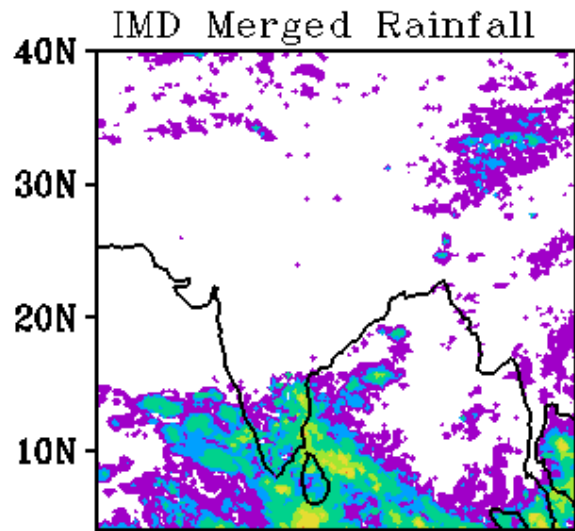
WRF Start Time
00Z 03112017

Forecast Period
03Z 03112017-03Z 04112017



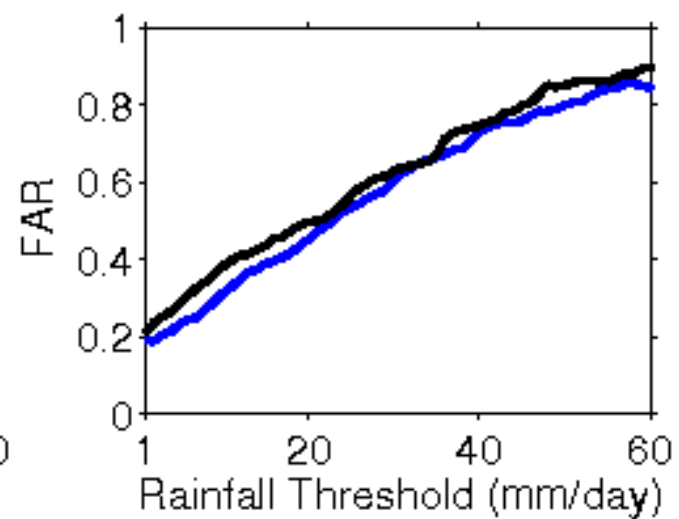
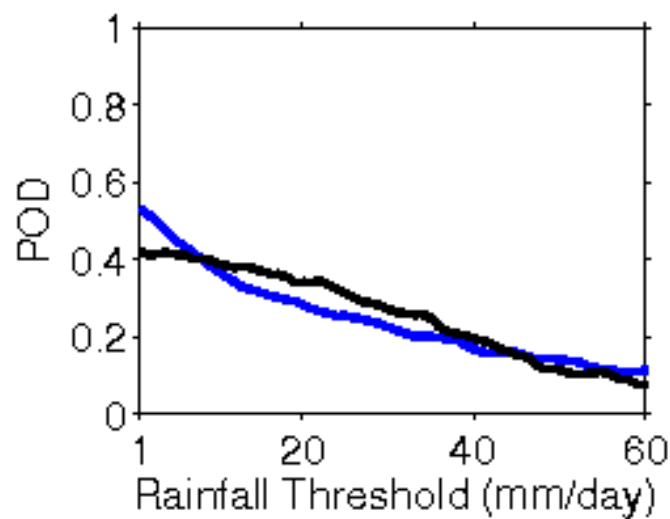
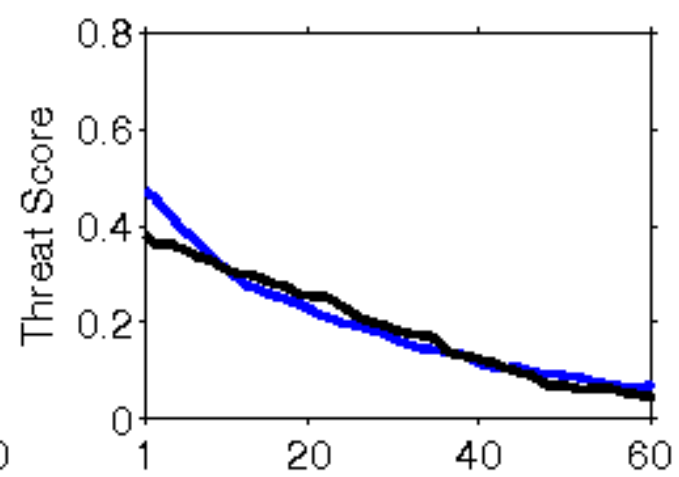
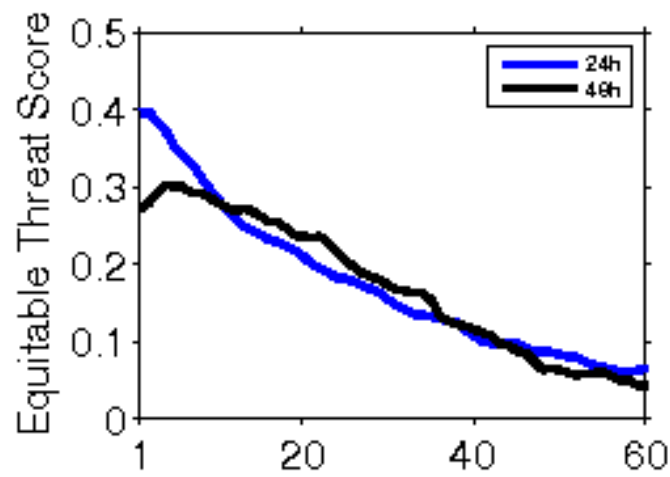






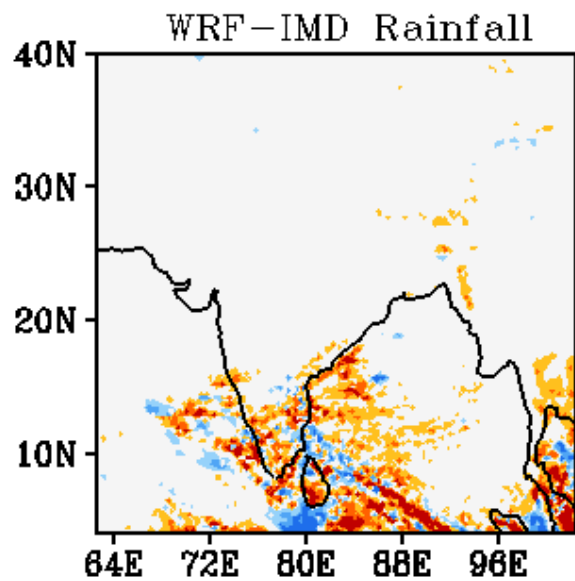
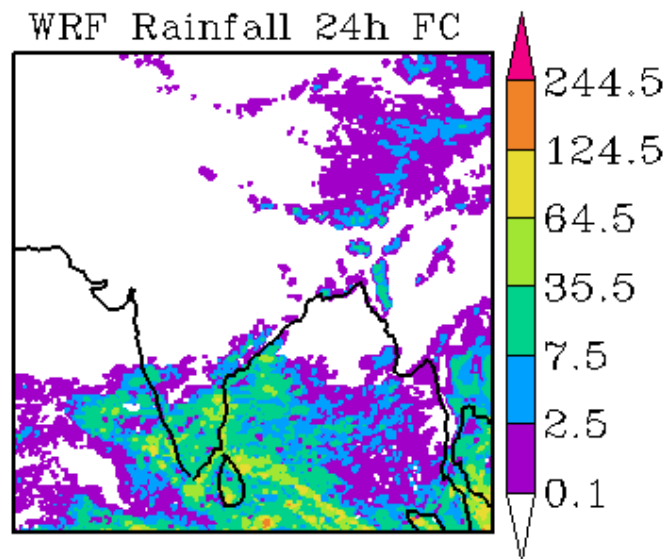
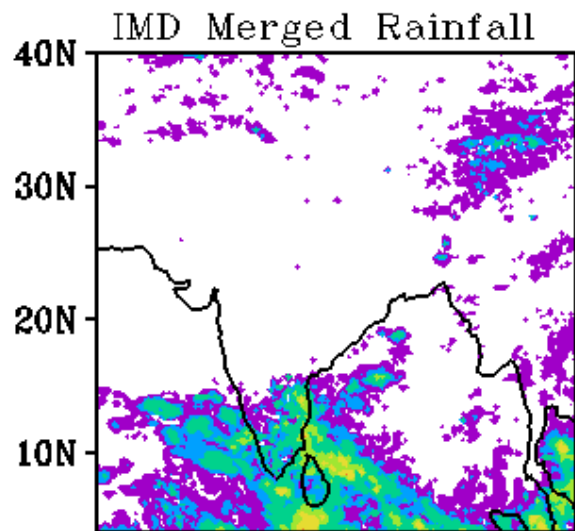
WRF Start Time
00Z 04112017

Forecast Period
03Z 05112017-03Z 06112017



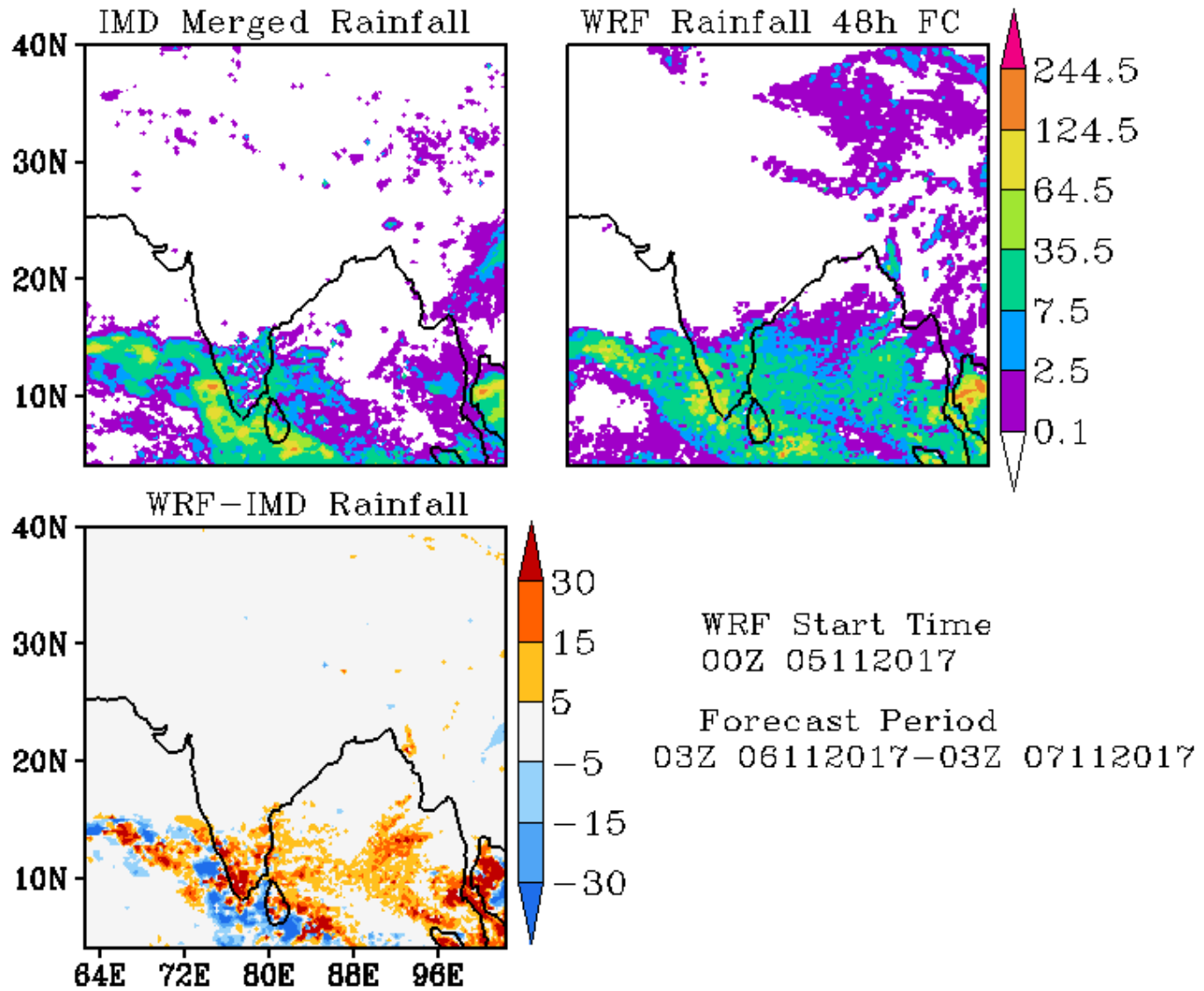
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

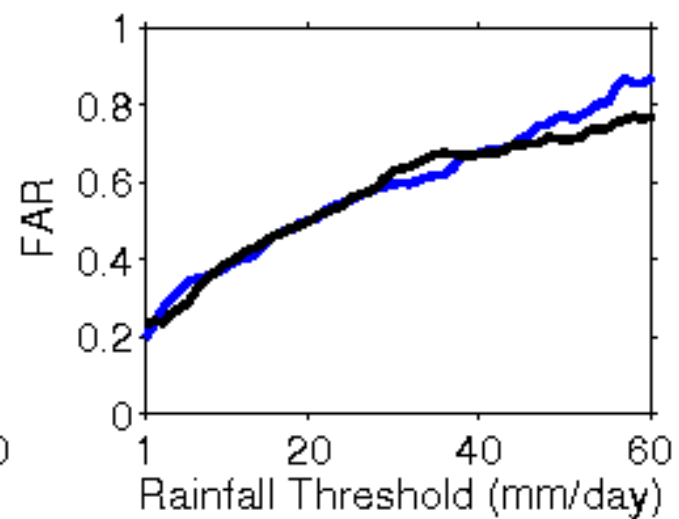
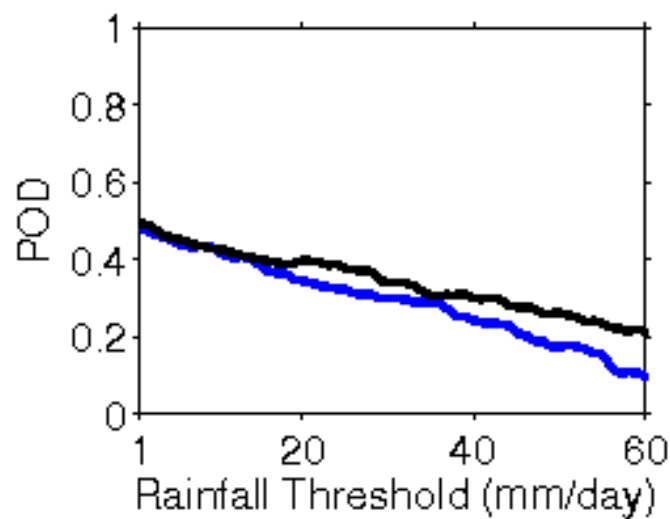
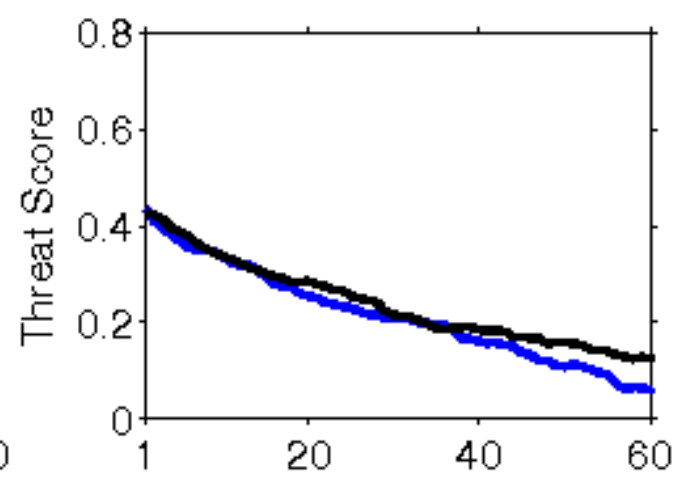
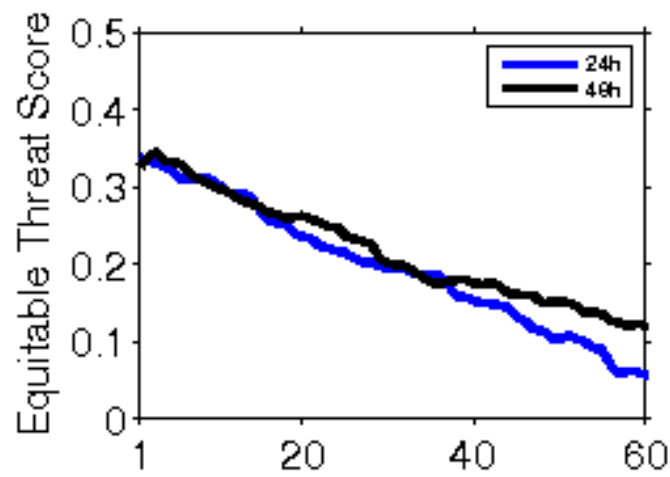
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.61(-0.45)	15.33(7.48)	2.13(1.28)
48 Hour	1.82(-0.26)	16.57(7.93)	2.25(1.36)
72 Hour	2.02(-0.08)	17.68(8.50)	2.31(1.62)



WRF Start Time
00Z 05112017

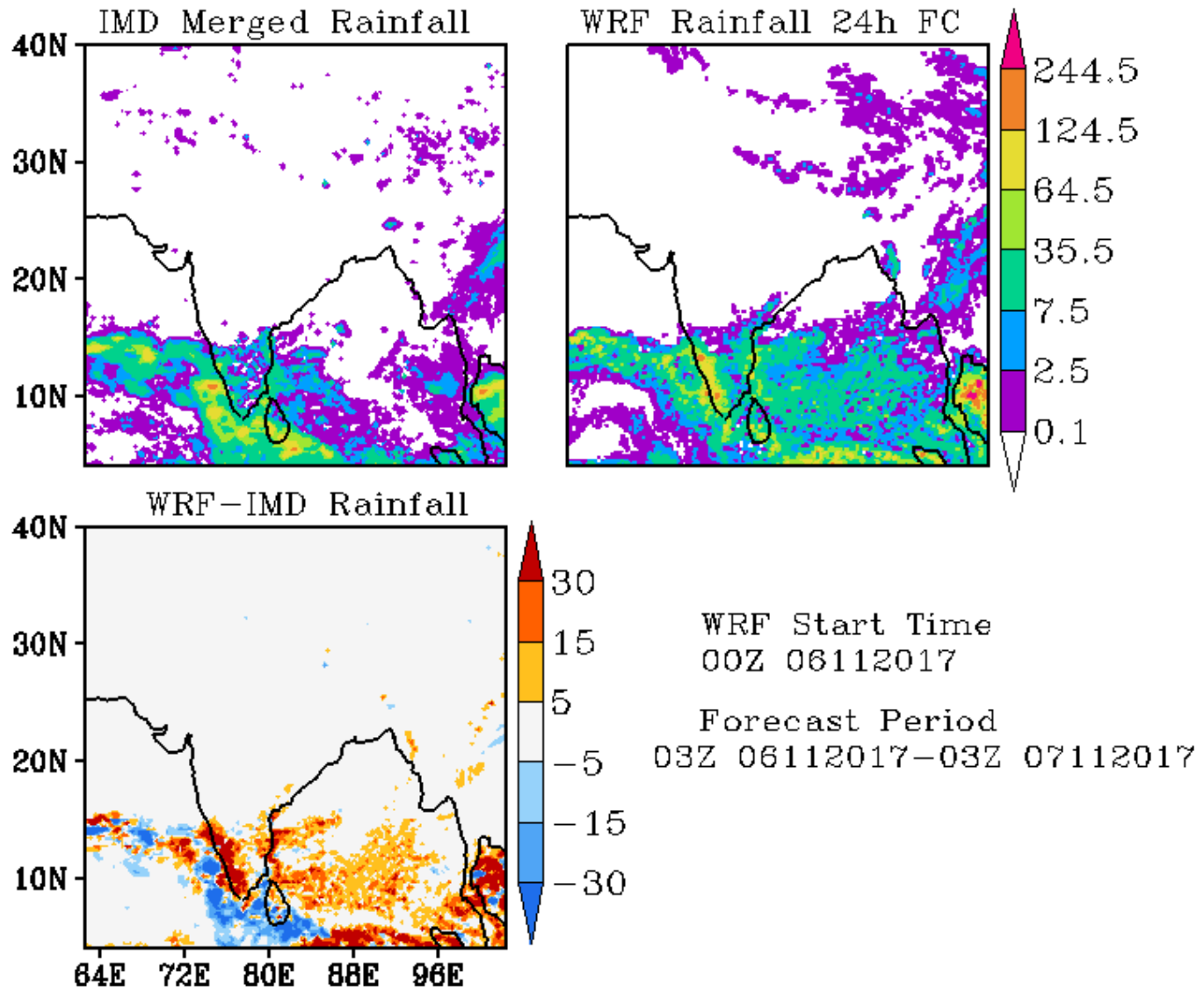
Forecast Period
03Z 05112017-03Z 06112017

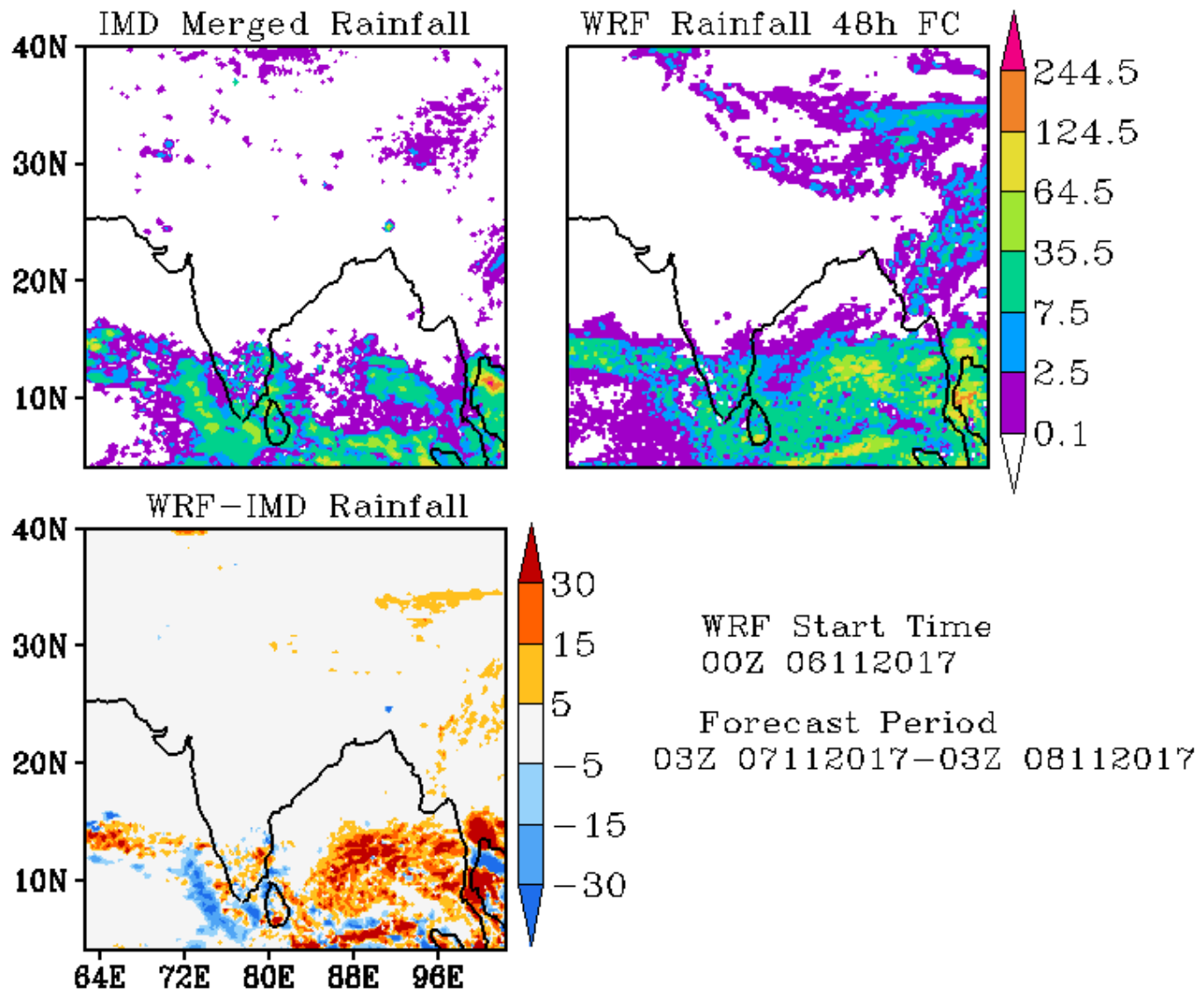


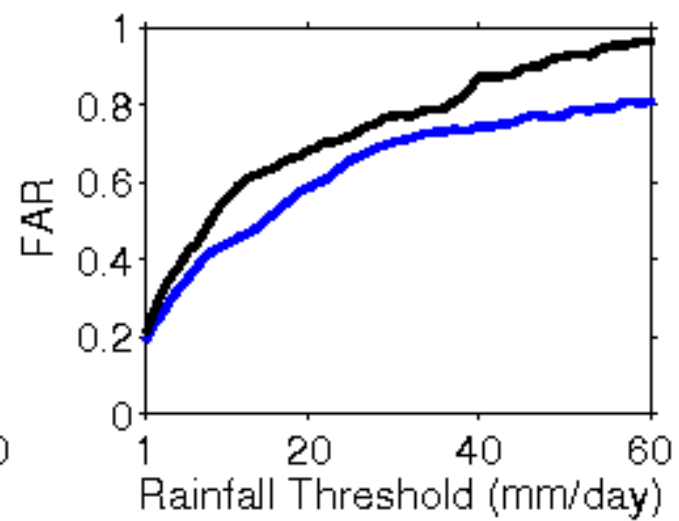
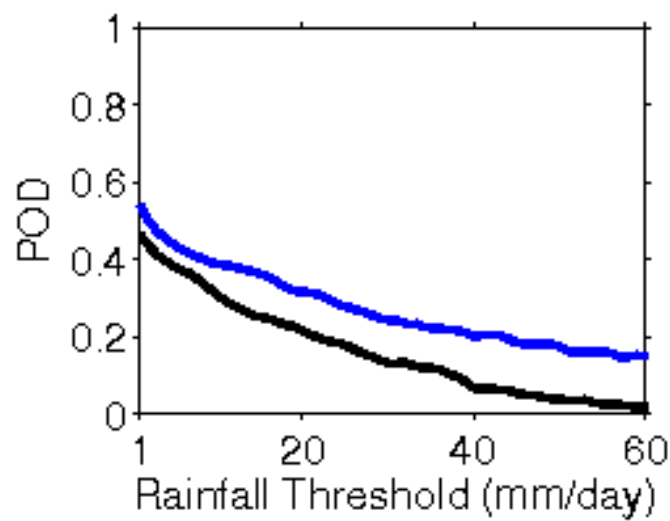
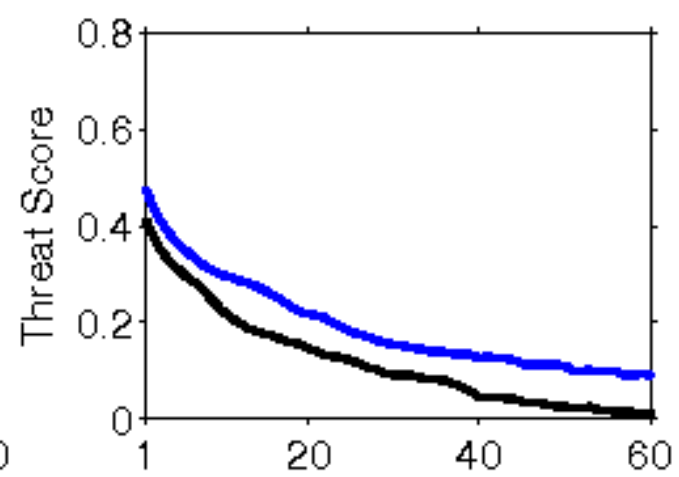
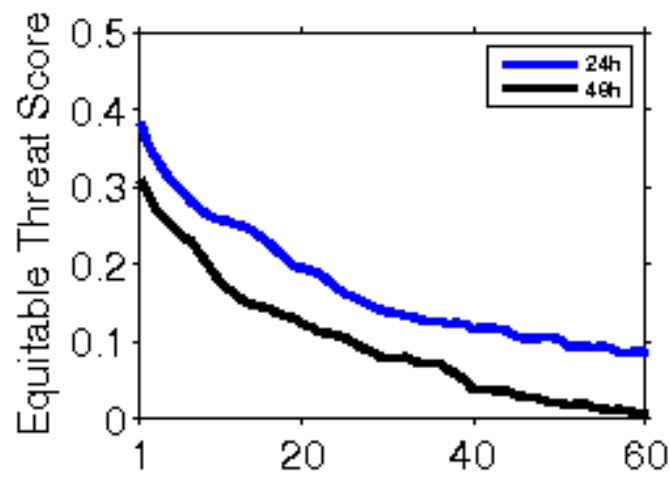


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.60(-0.58)	14.39(7.78)	2.01(1.06)
48 Hour	1.66(-0.40)	17.27(8.22)	2.17(1.30)
72 Hour	1.91(-0.19)	18.99(8.63)	2.42(1.35)

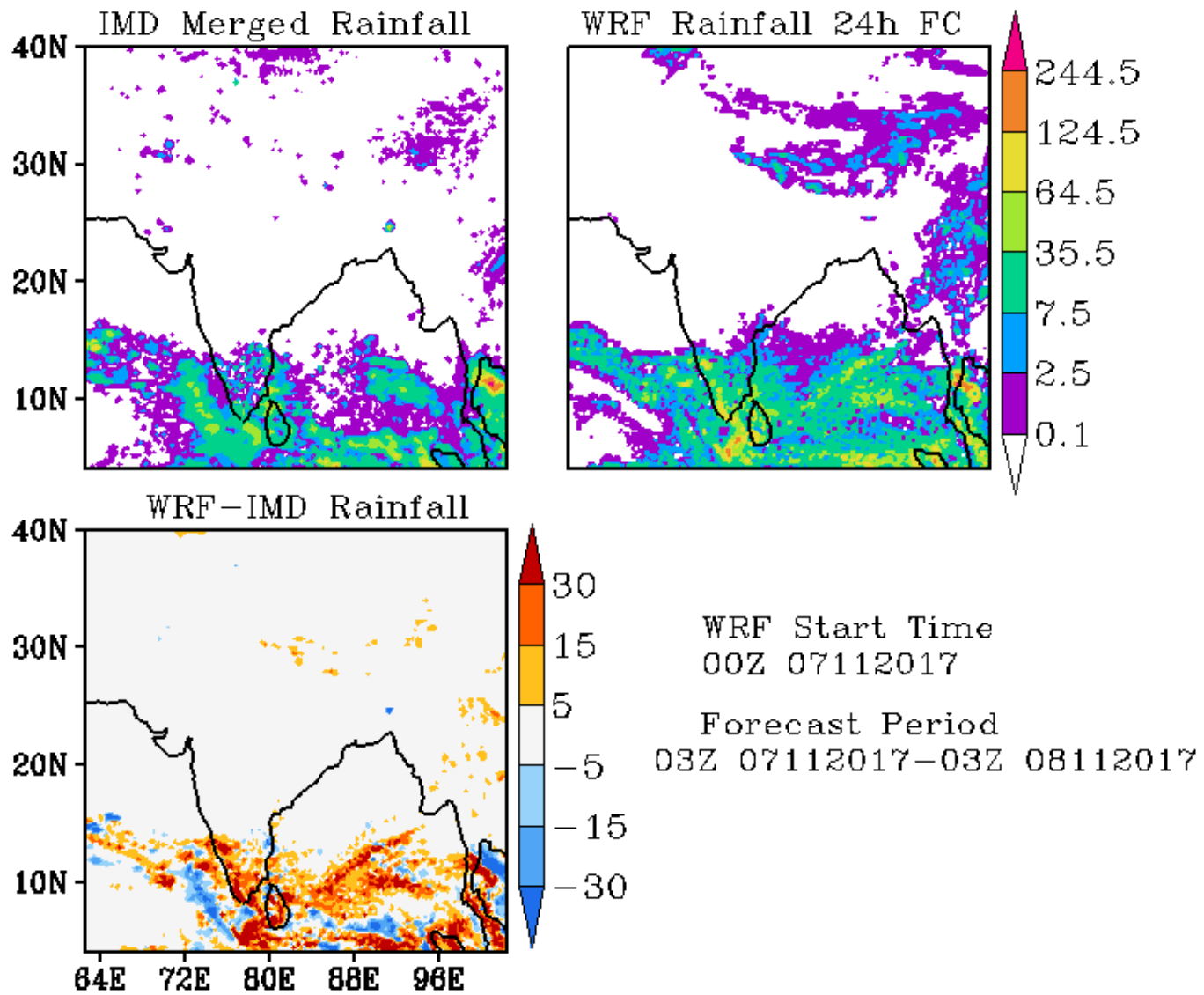


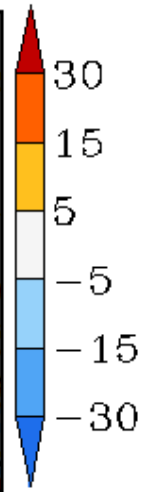
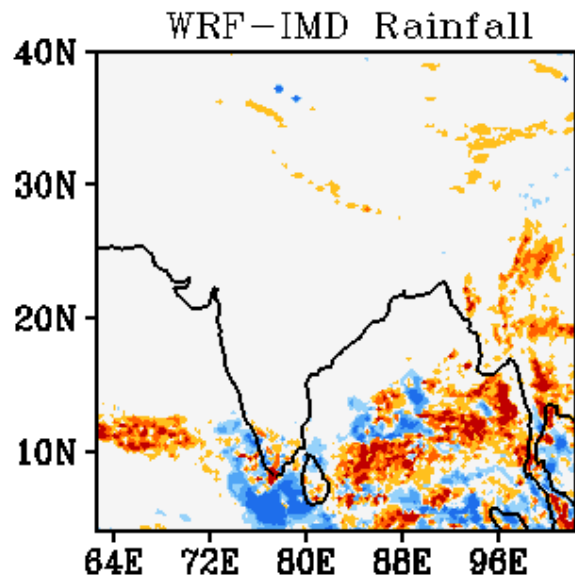
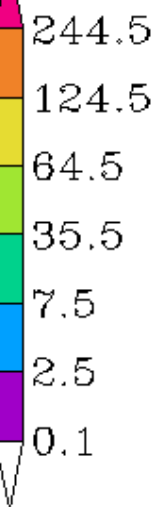
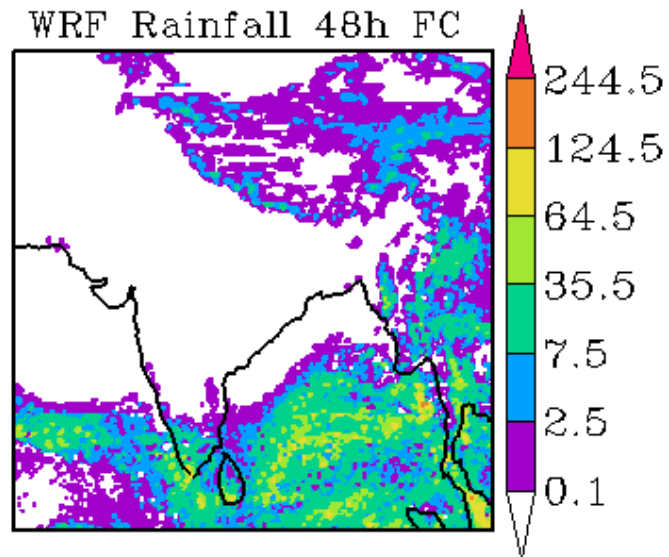
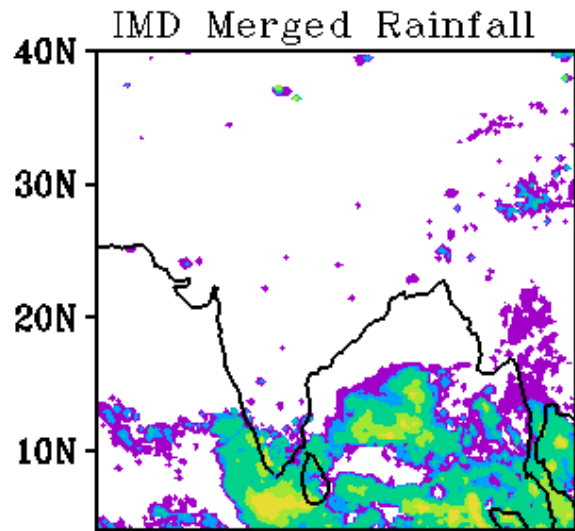




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

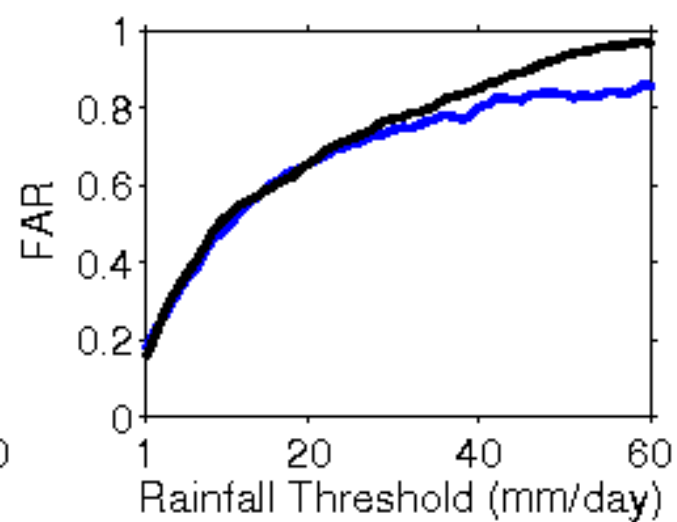
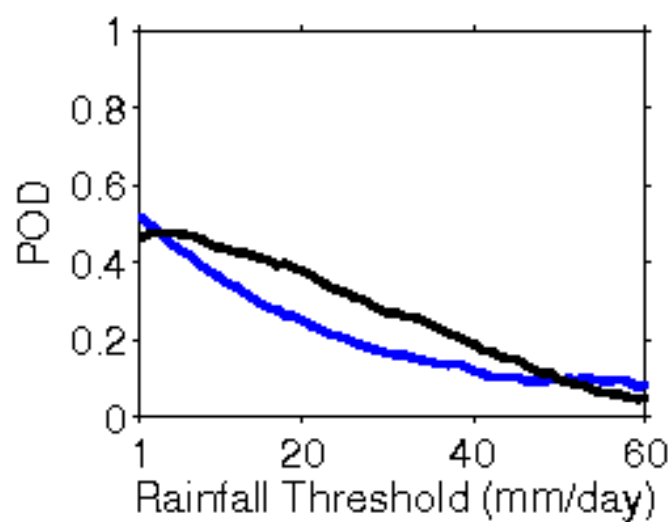
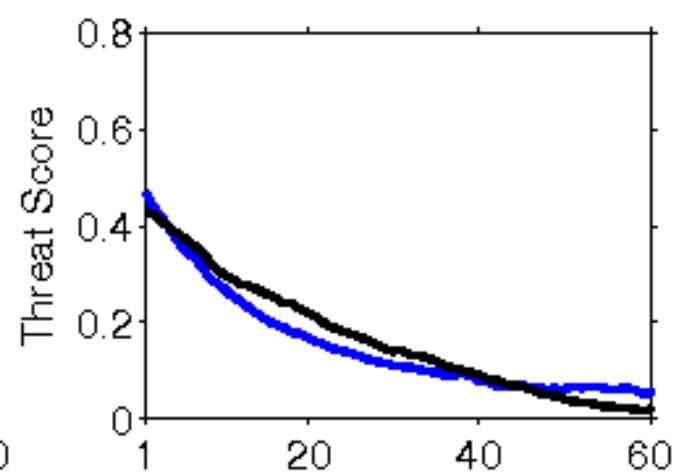
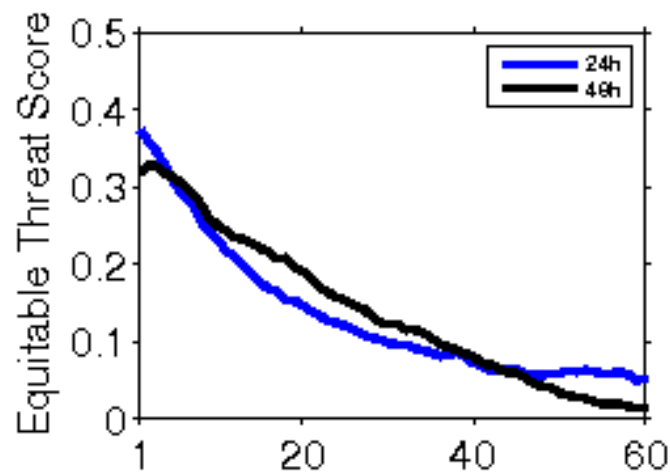
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.65(-0.38)	14.14(6.97)	1.96(1.10)
48 Hour	1.81(-0.20)	16.88(7.20)	2.23(1.36)
72 Hour	2.10(-0.14)	18.37(7.02)	2.26(1.33)





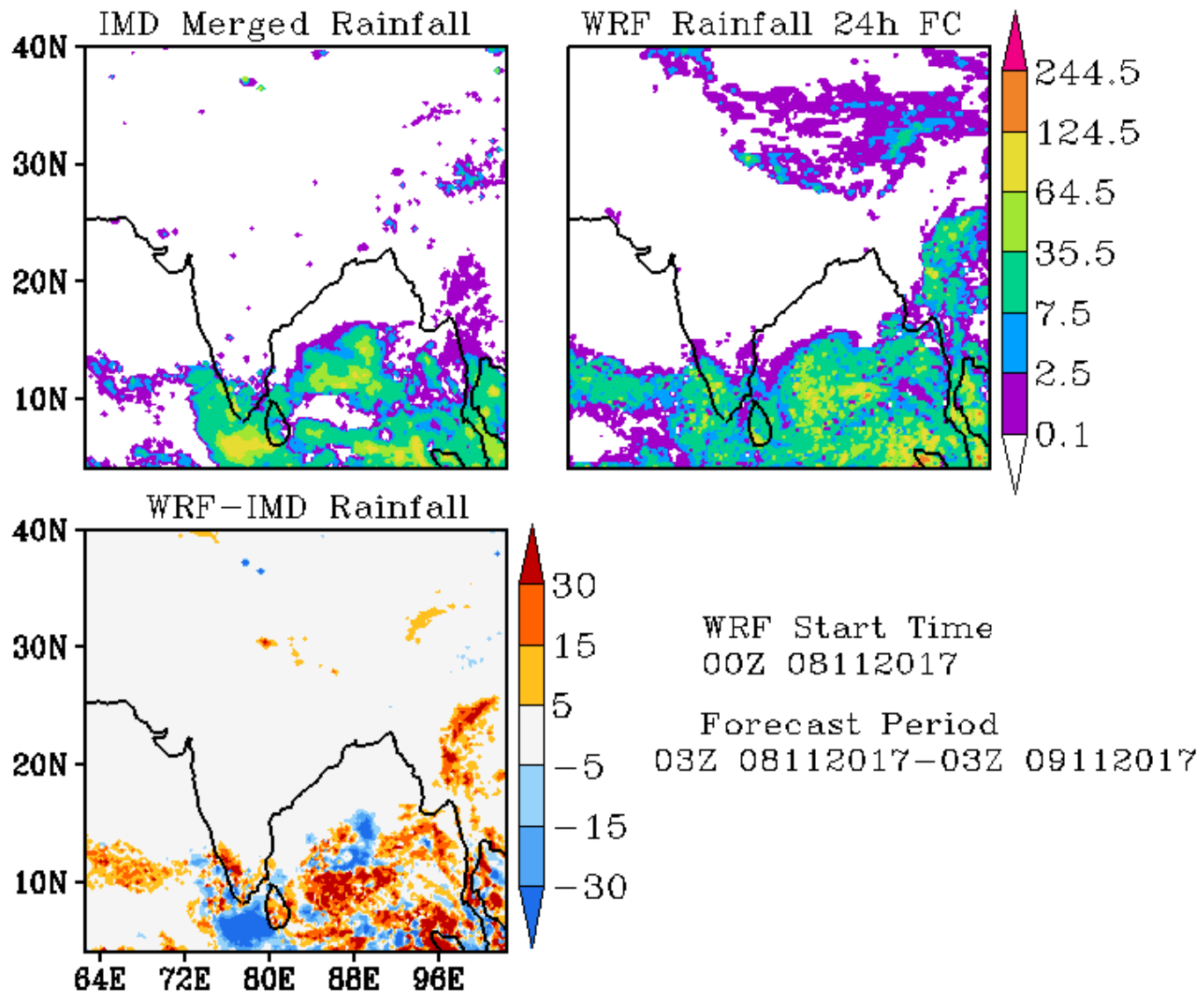
WRF Start Time
00Z 07112017

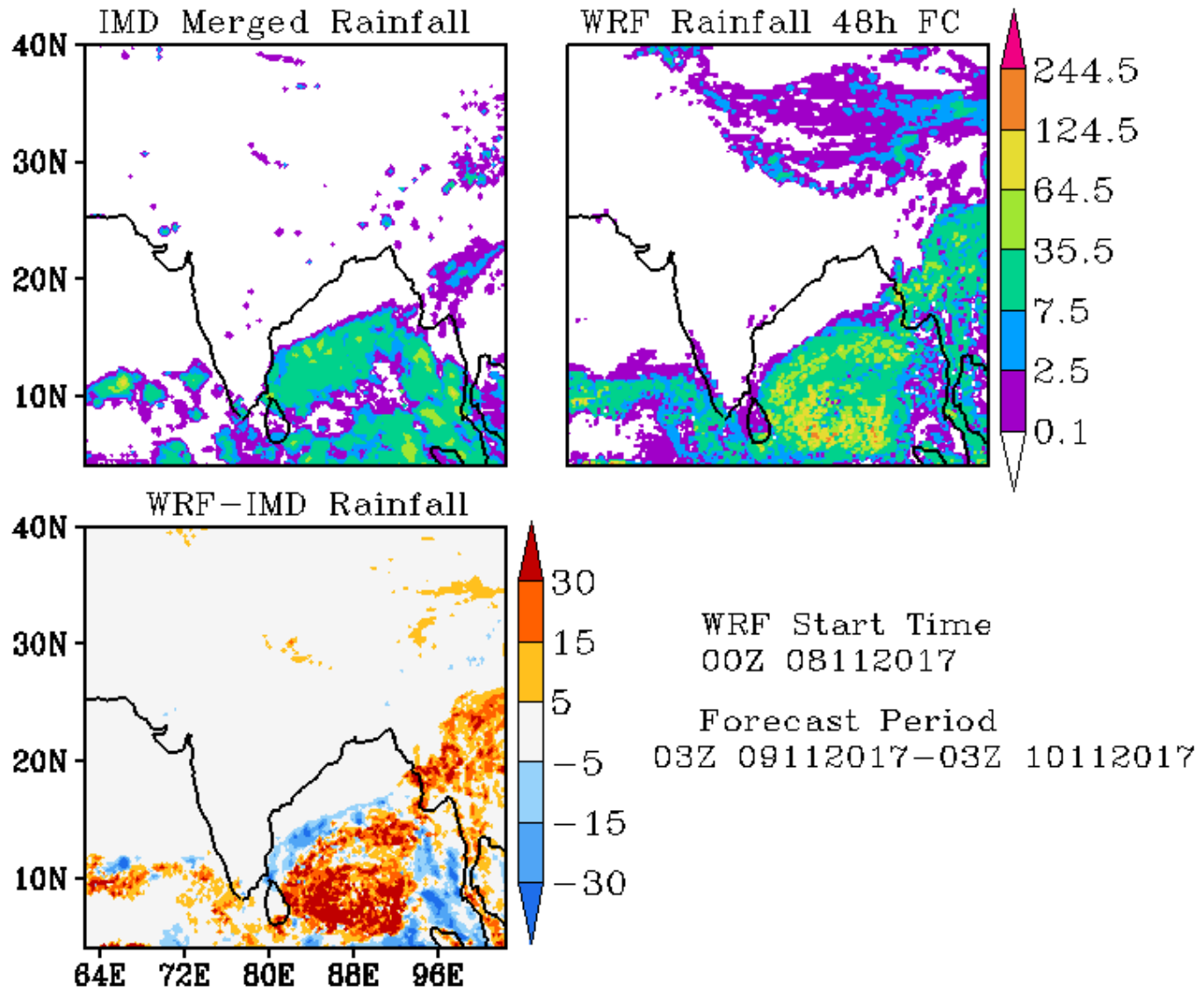
Forecast Period
03Z 08112017-03Z 09112017

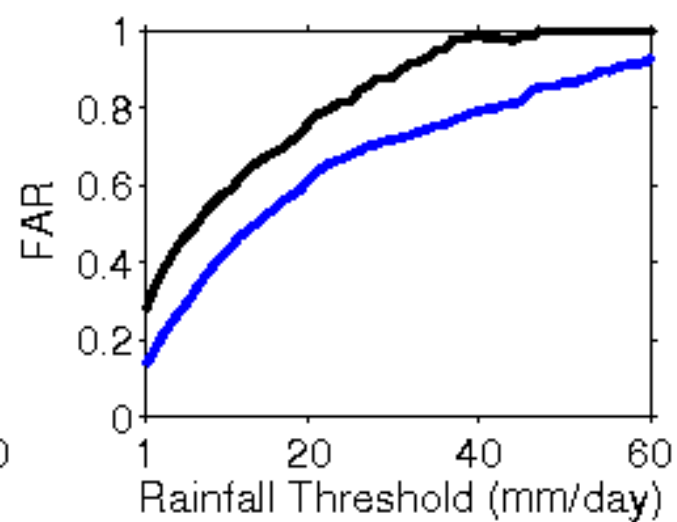
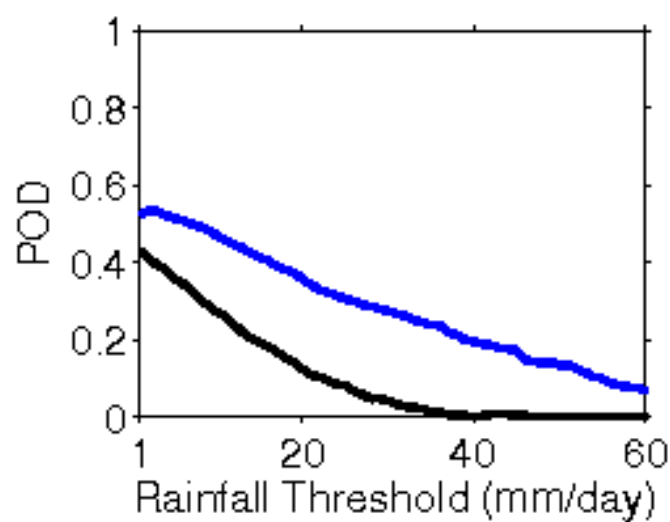
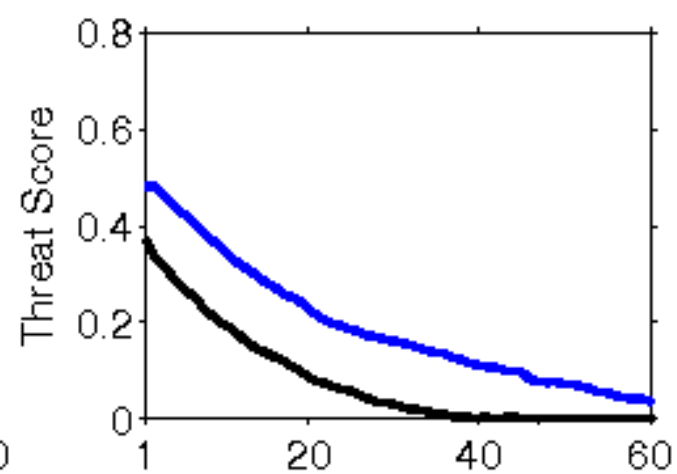
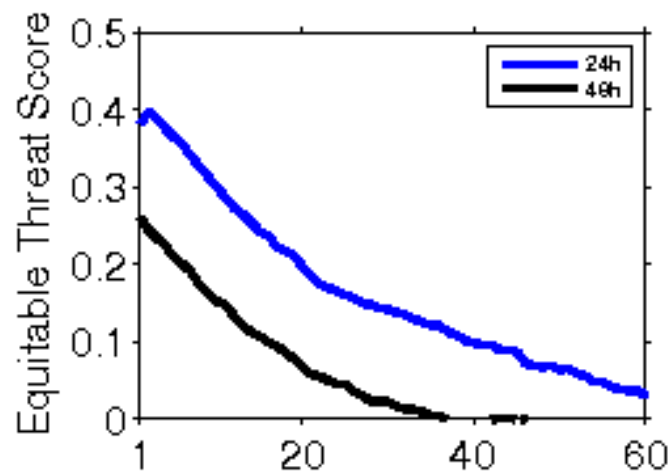


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.69(-0.52)	15.82(8.53)	1.96(0.91)
48 Hour	1.93(-0.26)	18.24(8.52)	1.88(1.28)
72 Hour	2.23(-0.04)	17.72(8.43)	2.13(1.34)

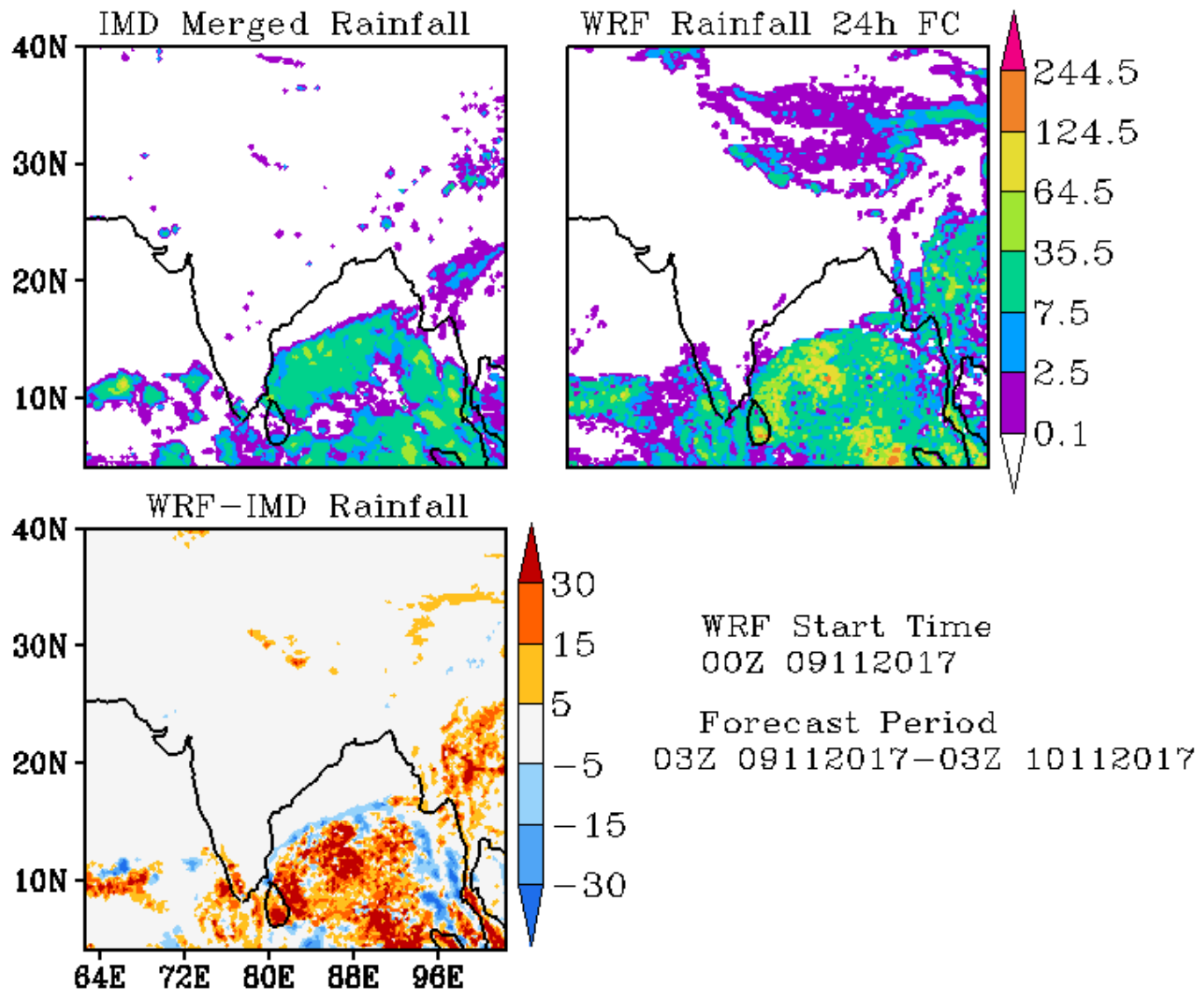


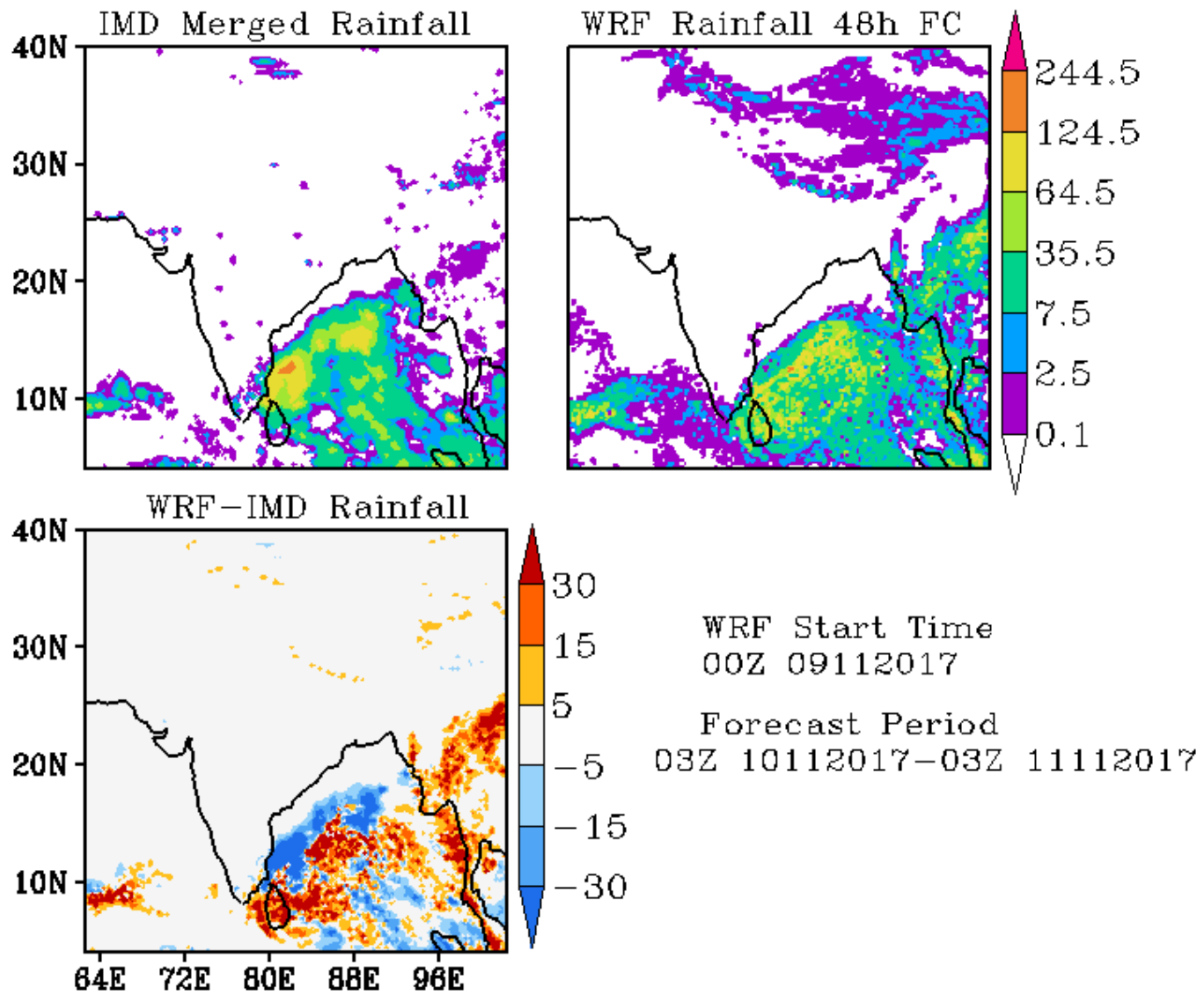


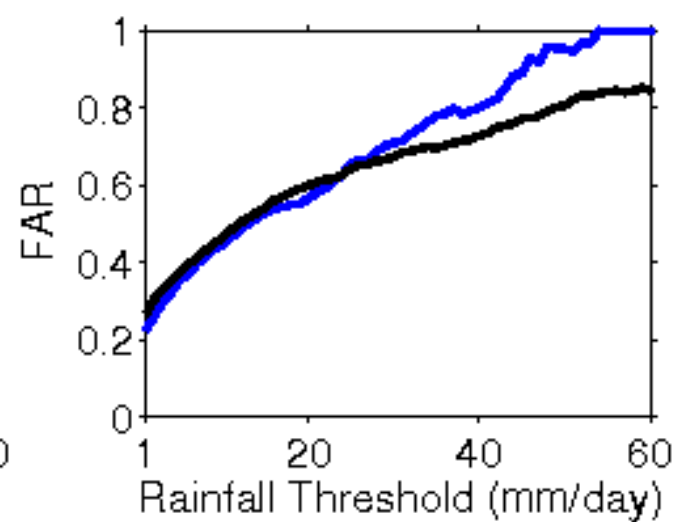
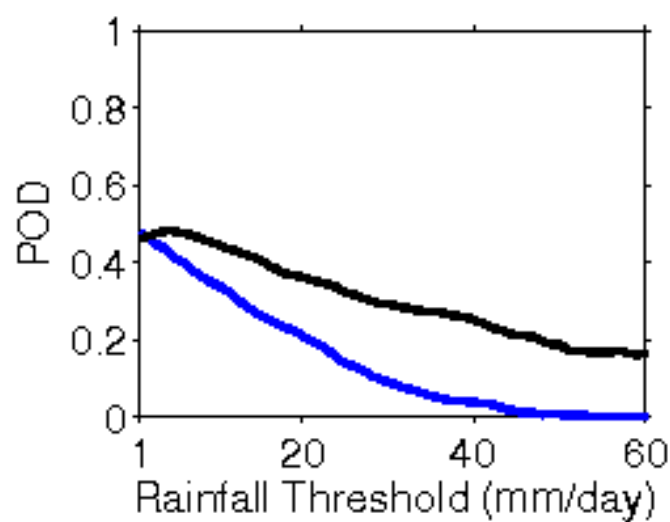
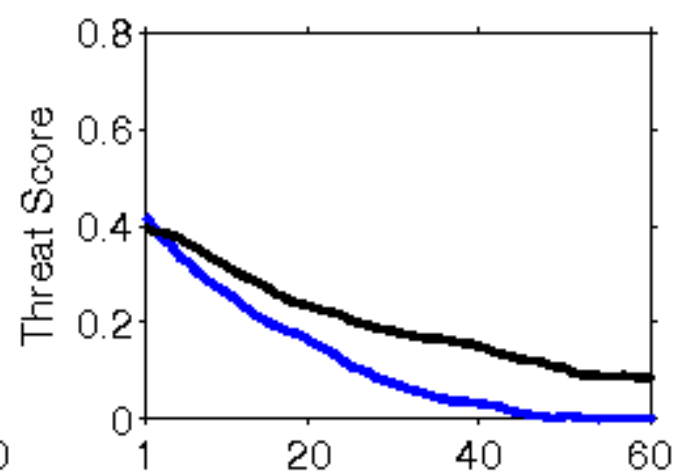
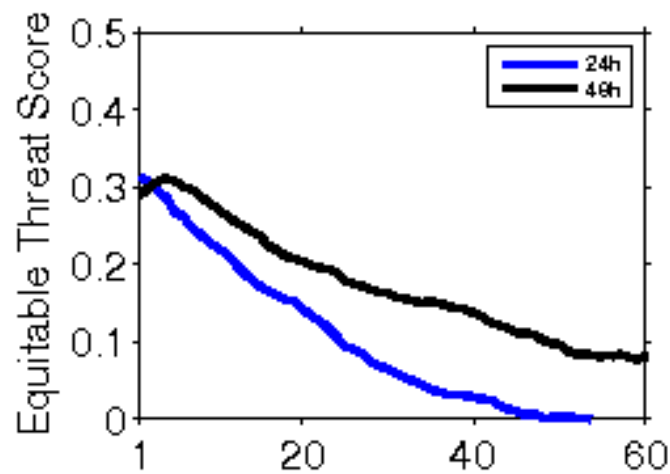


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.61(-0.61)	14.50(7.61)	1.86(0.92)
48 Hour	1.85(-0.47)	15.69(8.79)	2.17(0.94)
72 Hour	1.93(-0.24)	15.90(8.52)	2.65(1.24)

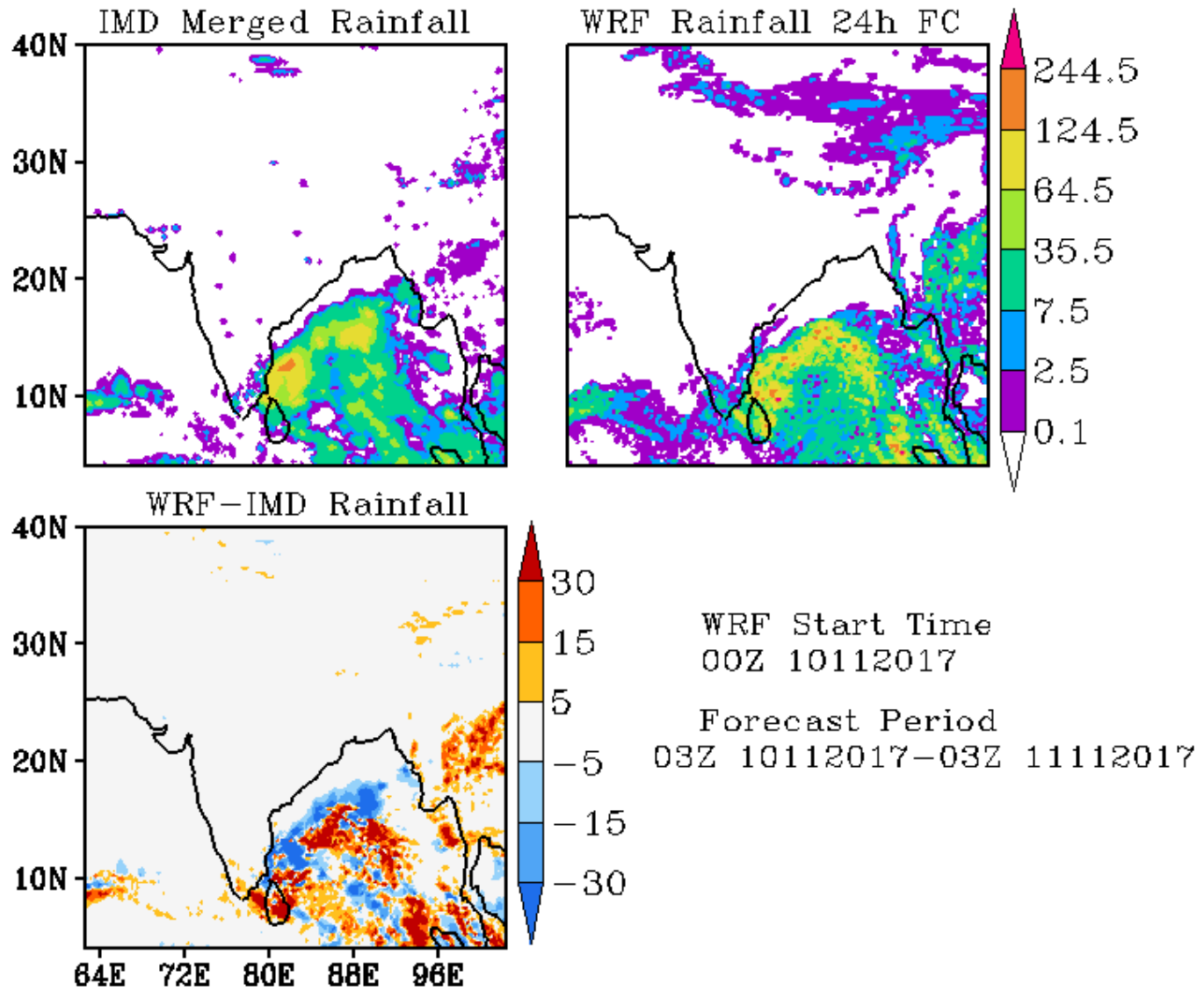


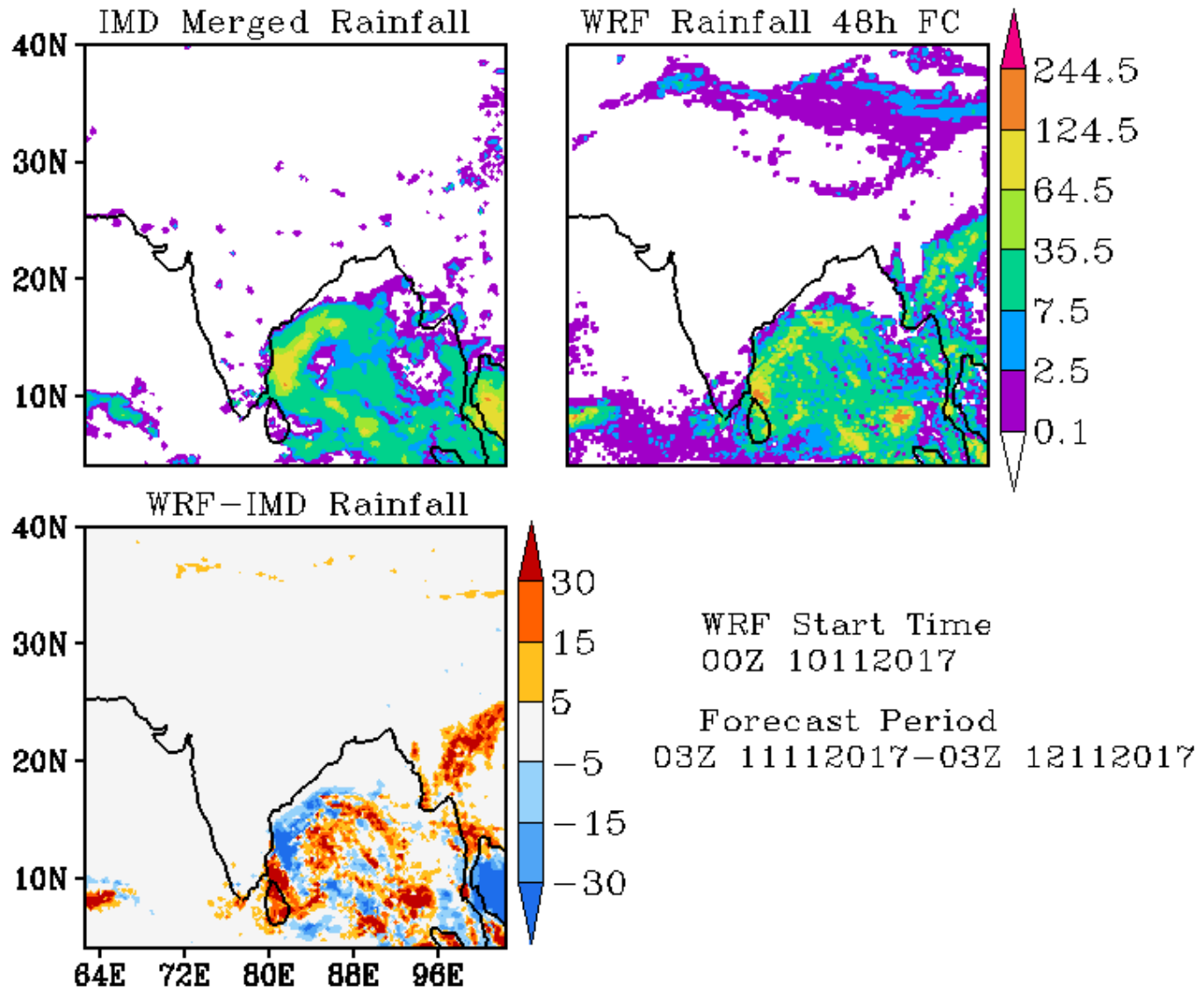


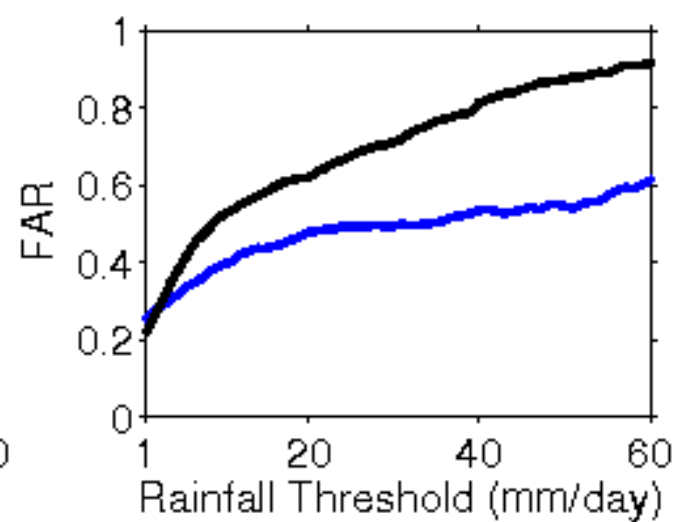
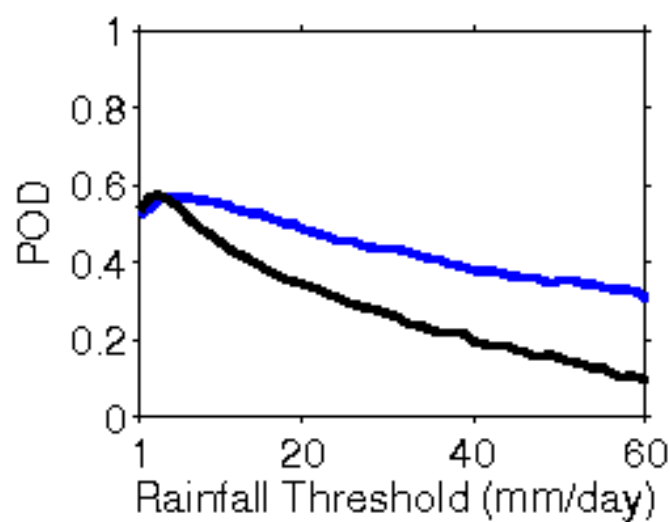
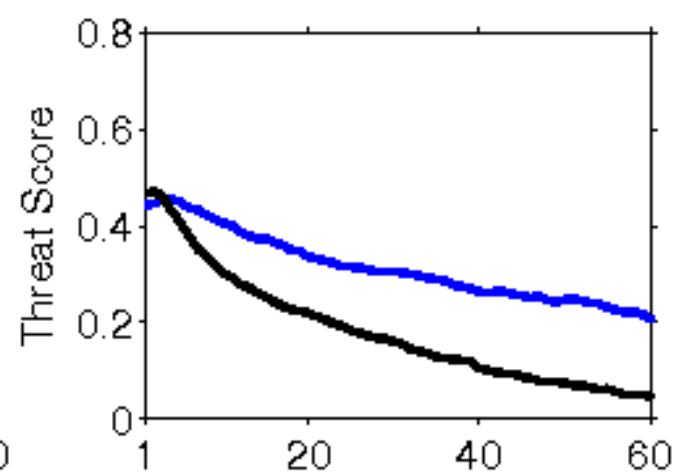
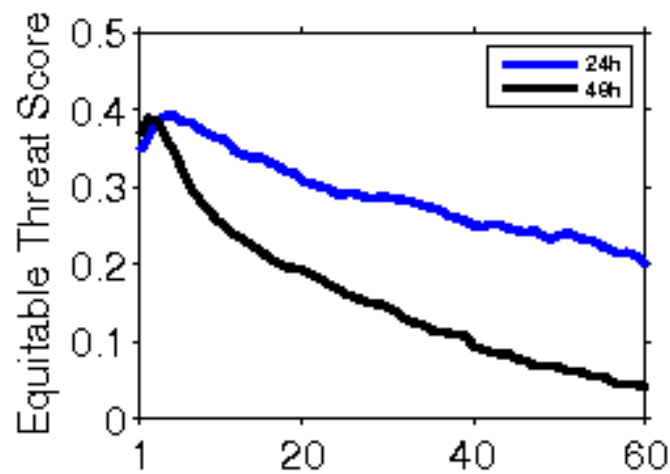


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.69(-0.72)	13.76(7.91)	1.84(0.95)
48 Hour	1.74(-0.57)	14.45(7.09)	2.14(1.18)
72 Hour	1.89(-0.35)	15.02(7.11)	2.37(1.13)

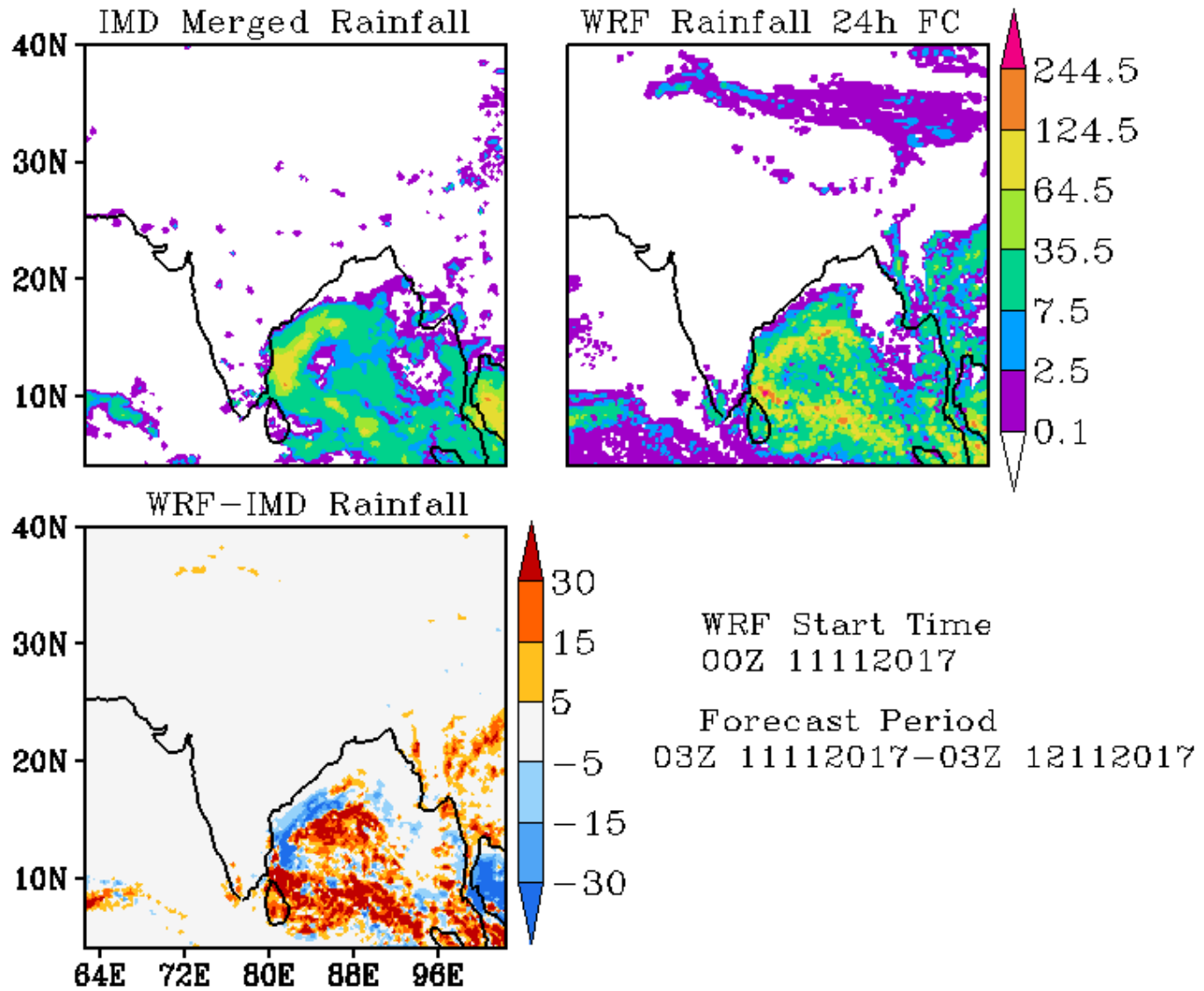


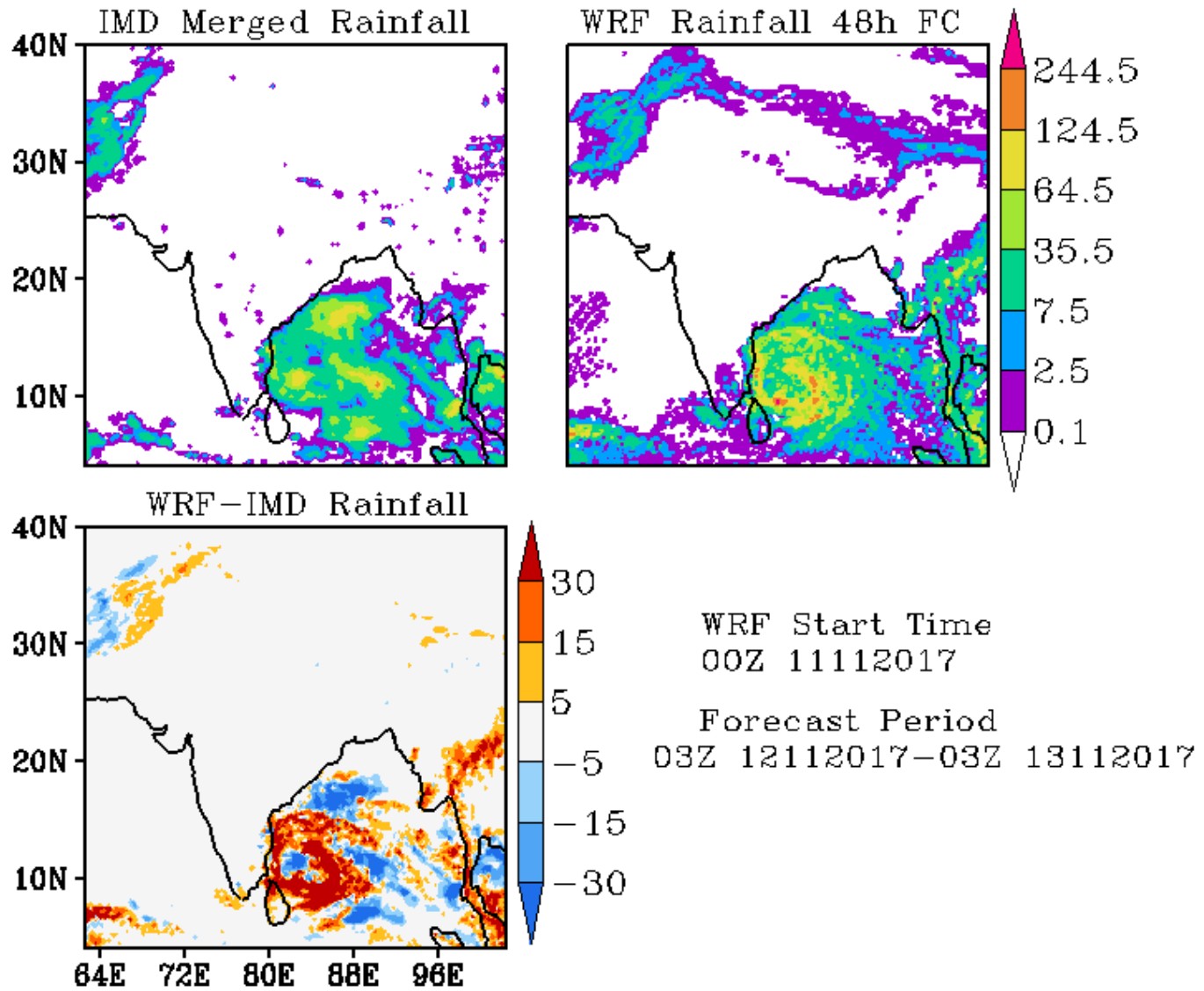


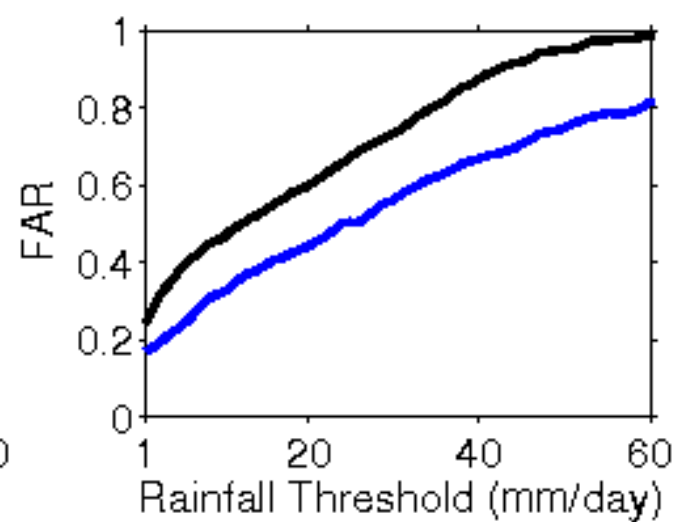
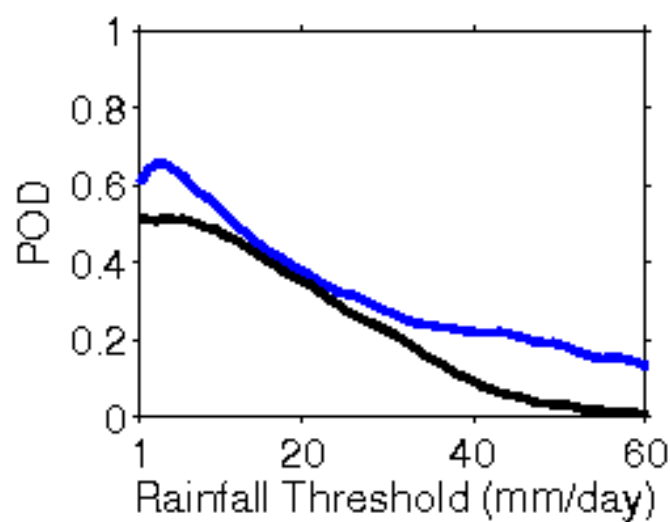
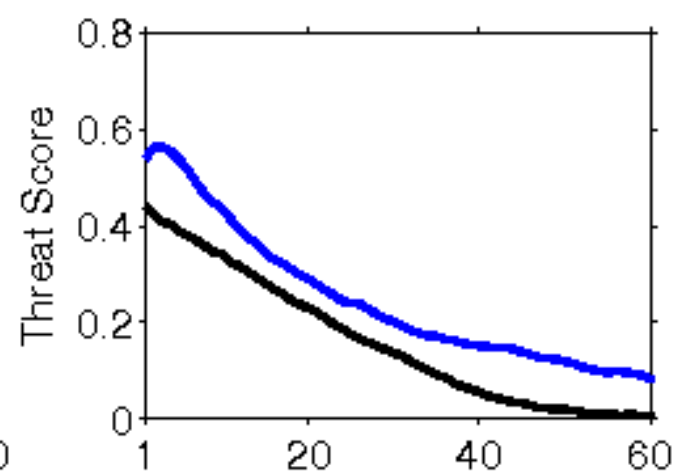
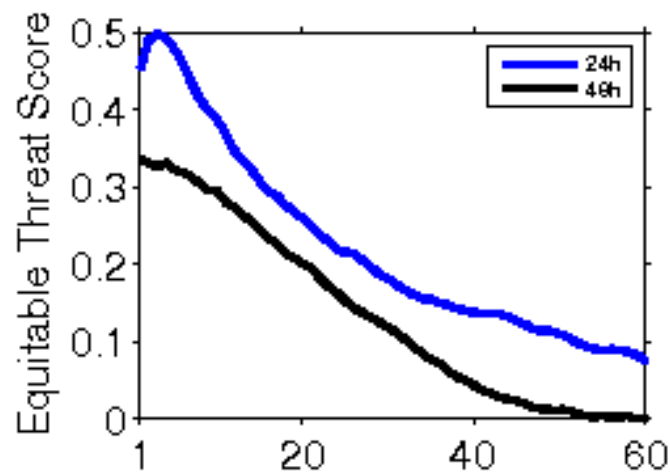


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.62(-0.60)	14.84(8.77)	1.90(0.76)
48 Hour	1.94(-0.51)	15.38(9.20)	2.10(1.09)
72 Hour	2.00(-0.36)	17.65(8.20)	2.27(1.50)

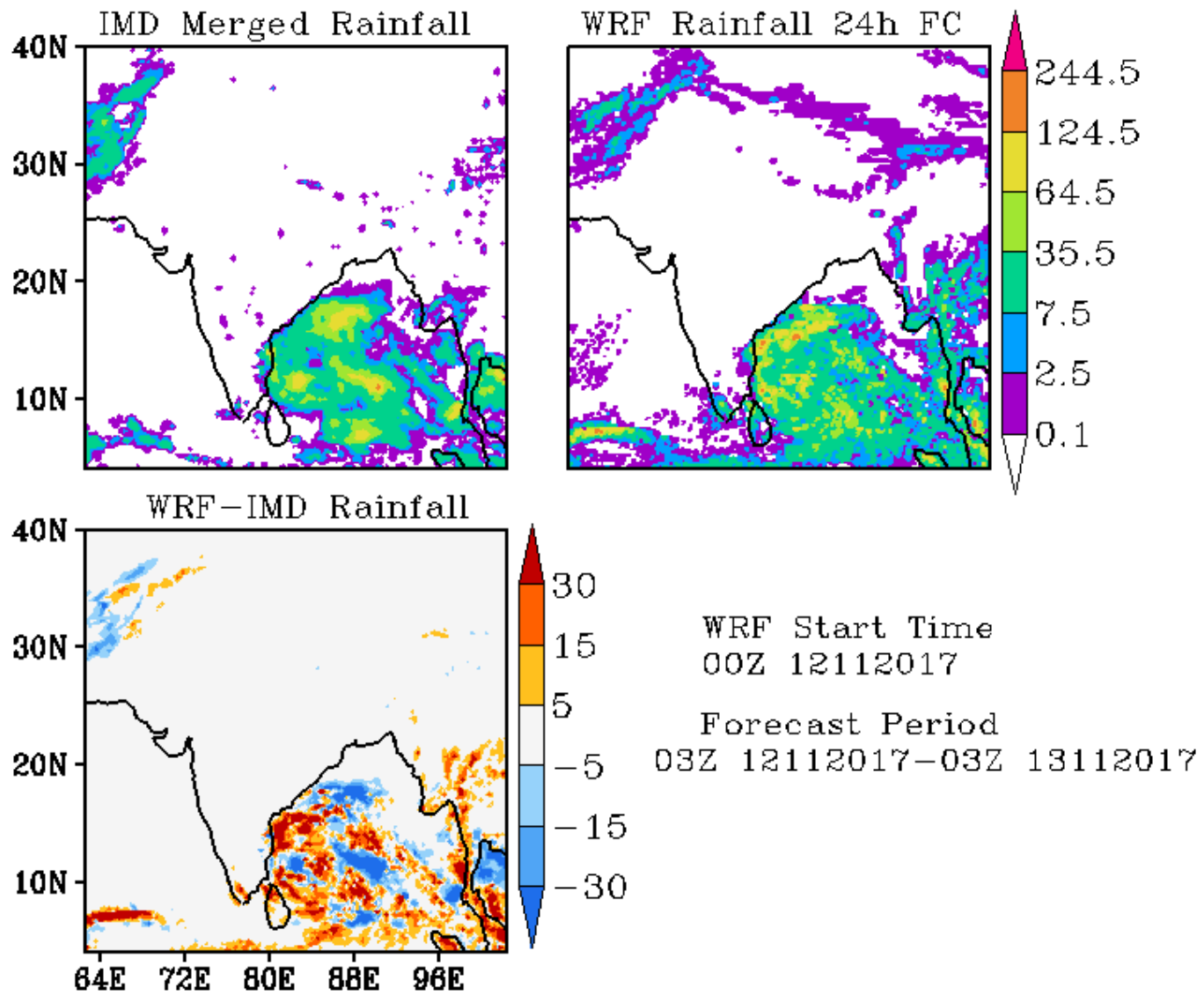


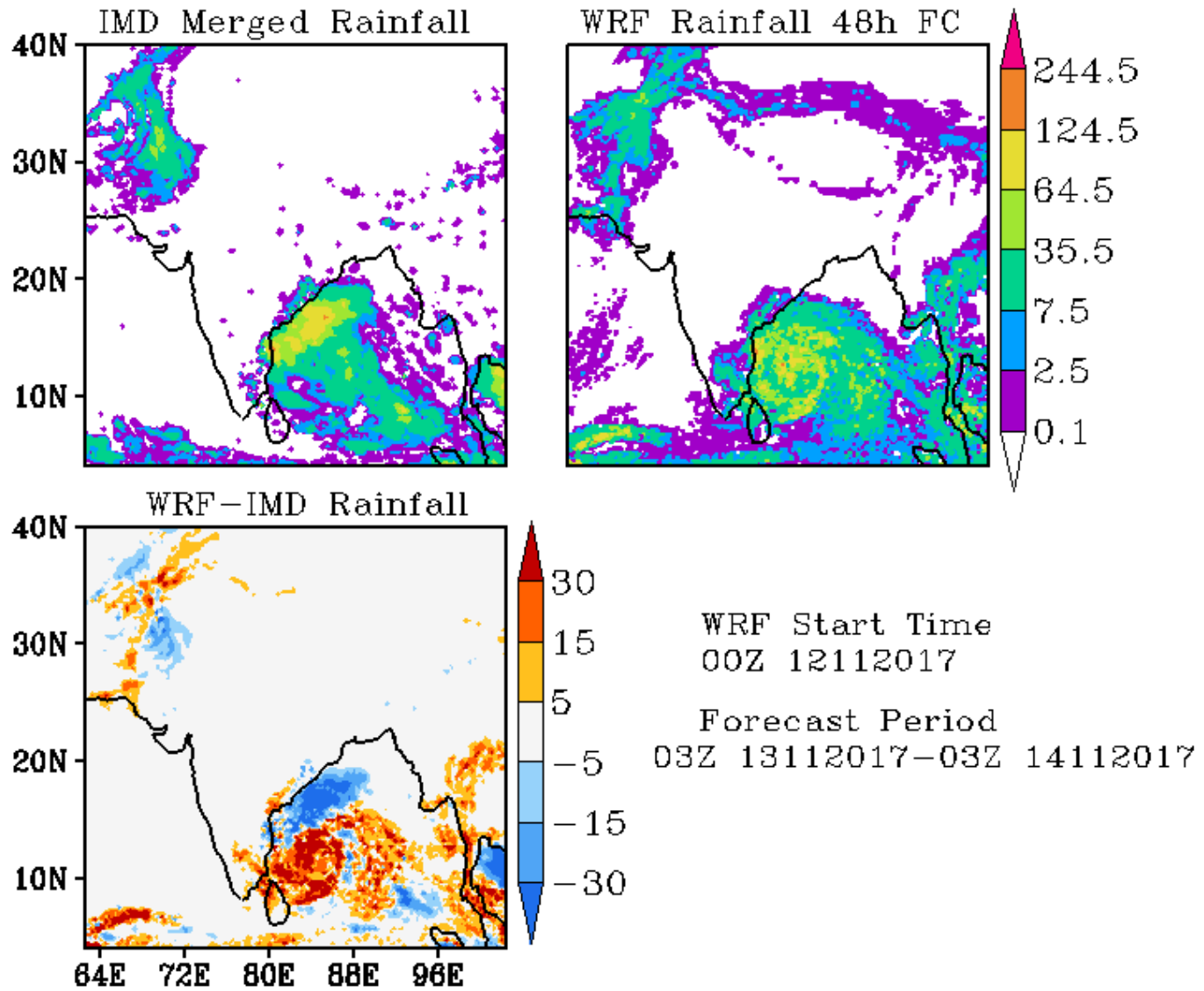


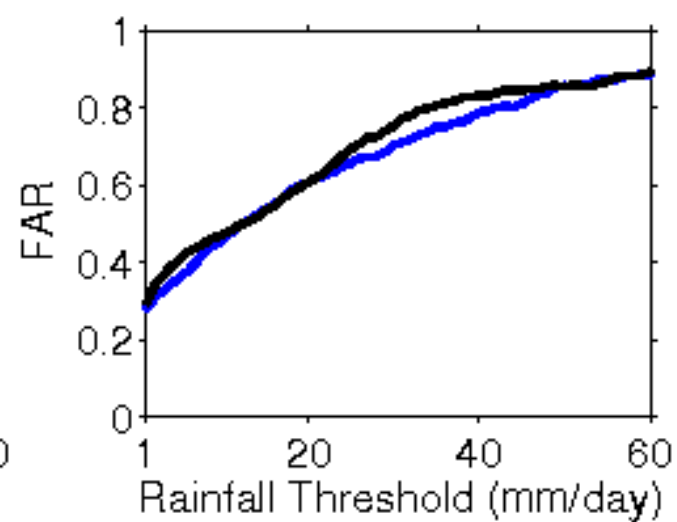
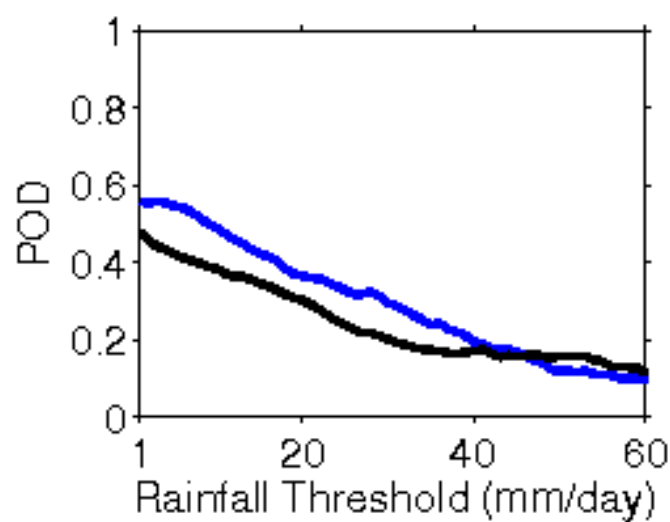
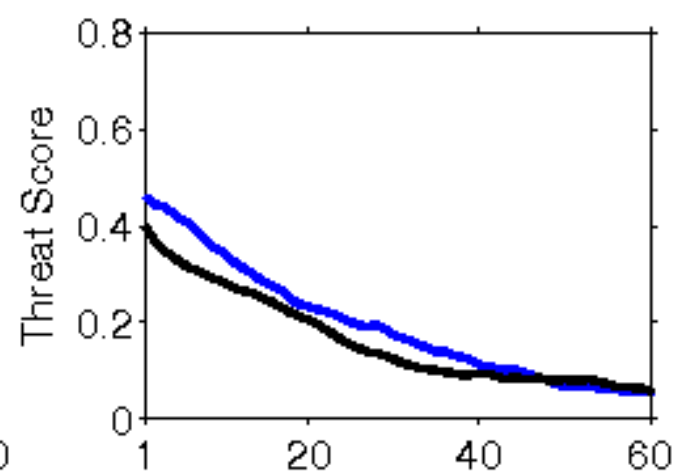
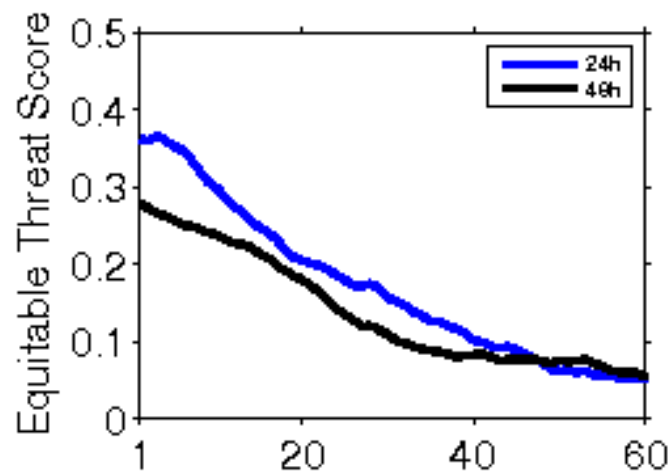


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.69(-0.78)	14.31(8.63)	1.80(0.84)
48 Hour	1.75(-0.46)	17.66(8.59)	2.22(0.80)
72 Hour	2.06(-0.25)	20.81(8.28)	2.86(0.93)



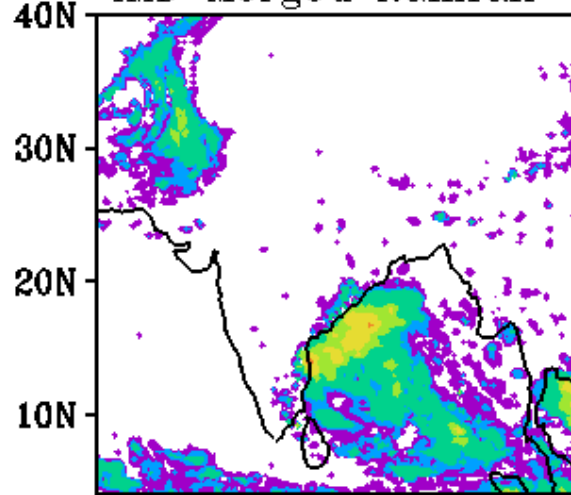




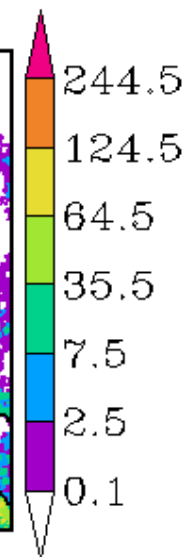
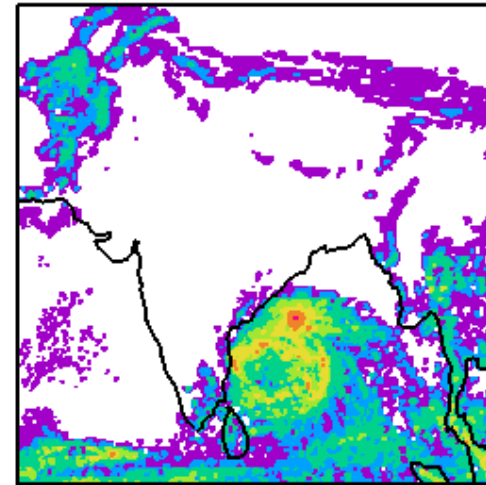
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.72(-0.82)	15.77(9.07)	1.88(0.77)
48 Hour	1.82(-0.58)	20.55(9.60)	2.21(1.01)
72 Hour	2.41(-0.45)	24.84(9.48)	2.71(0.89)

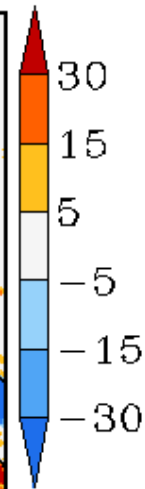
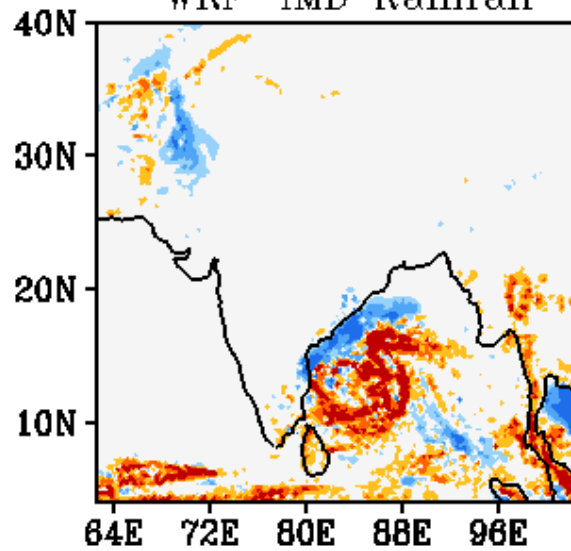
IMD Merged Rainfall



WRF Rainfall 24h FC

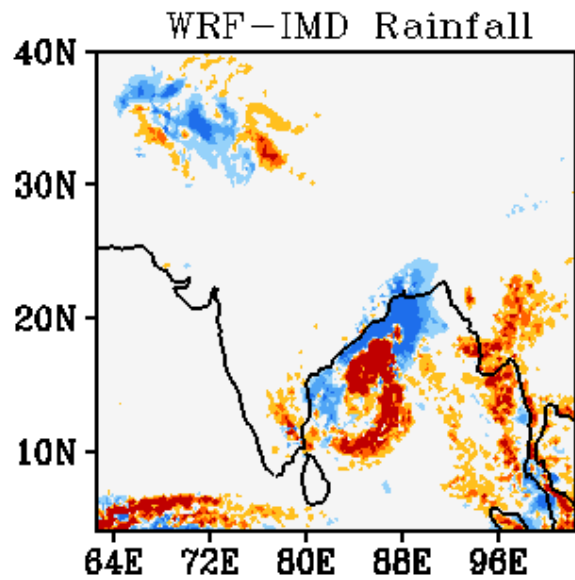
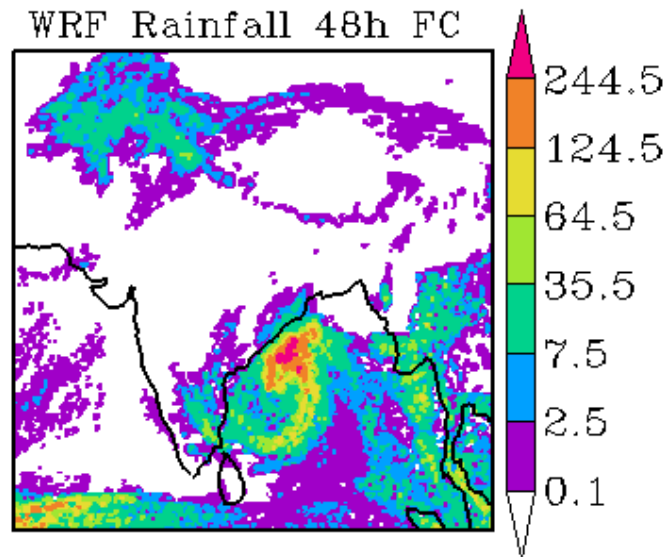
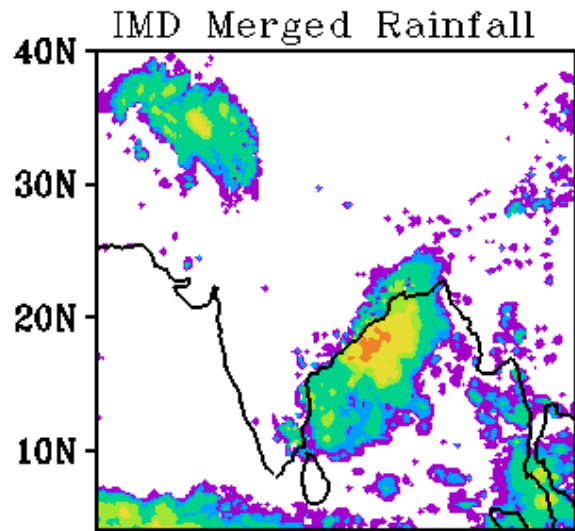


WRF-IMD Rainfall



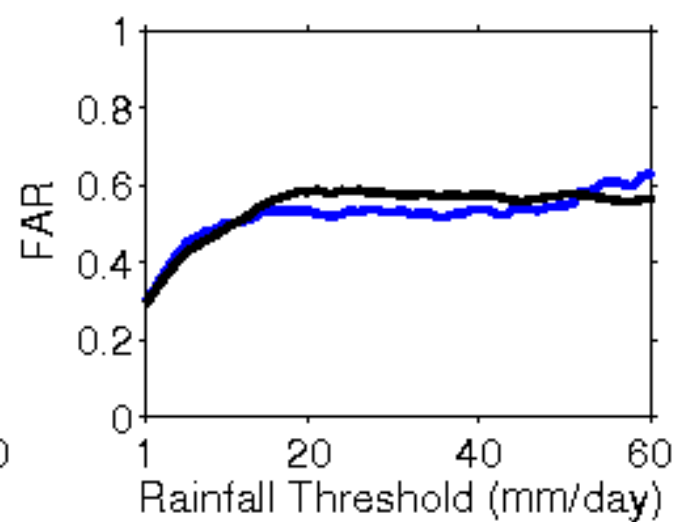
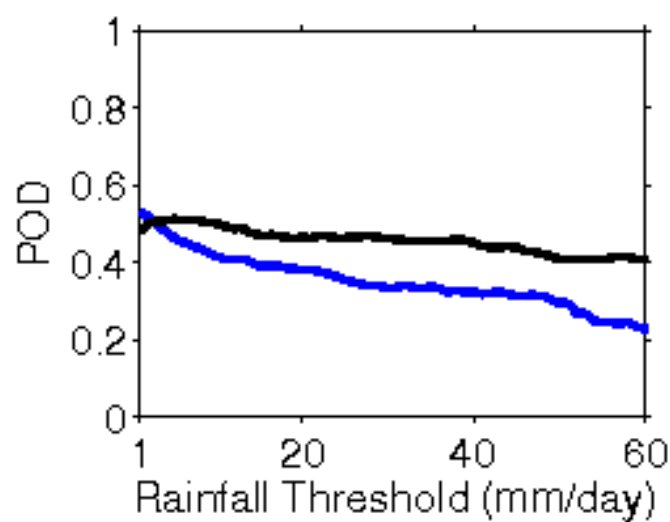
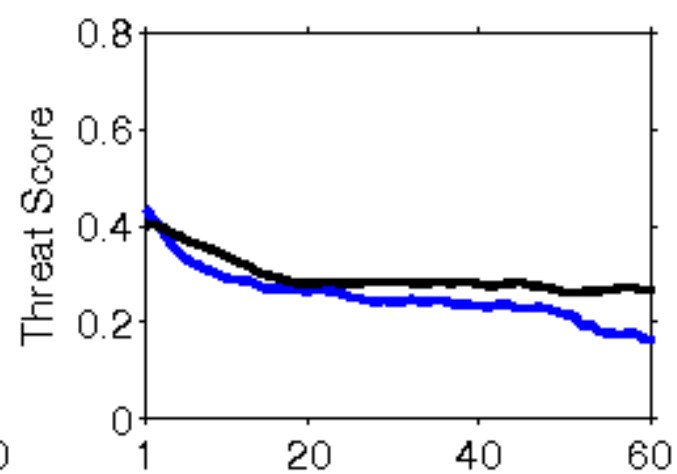
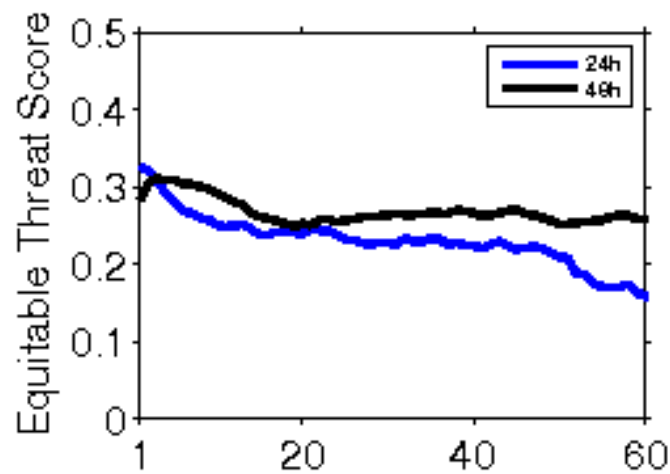
WRF Start Time
00Z 13112017

Forecast Period
03Z 13112017-03Z 14112017



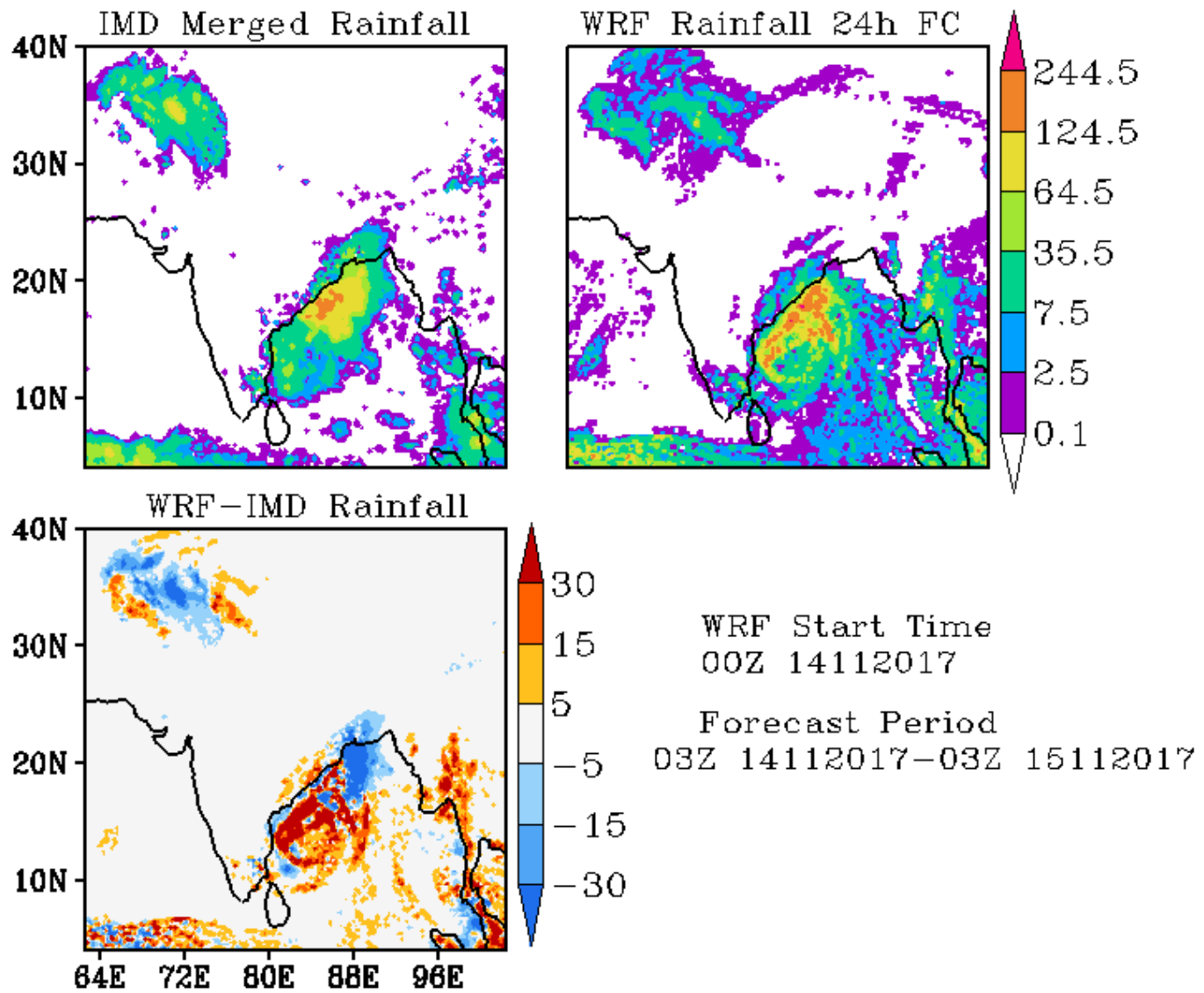
WRF Start Time
00Z 13112017

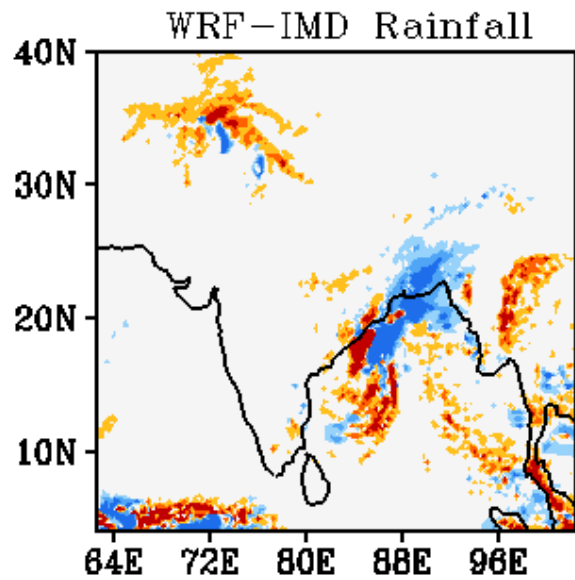
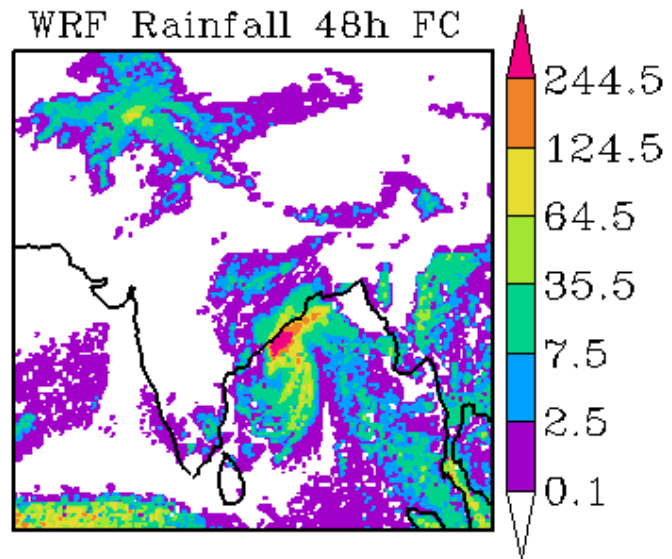
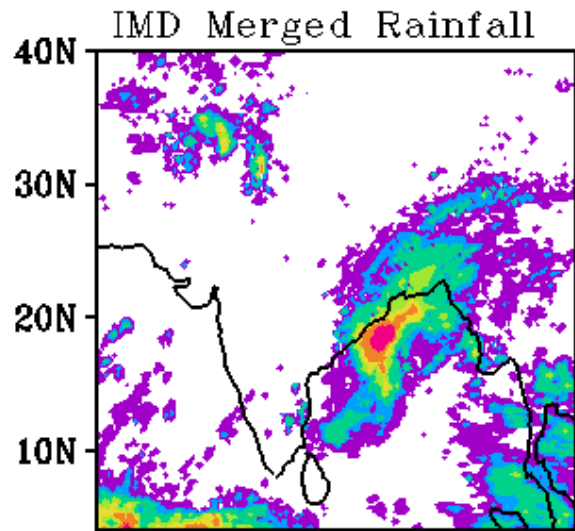
Forecast Period
03Z 14112017-03Z 15112017



**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

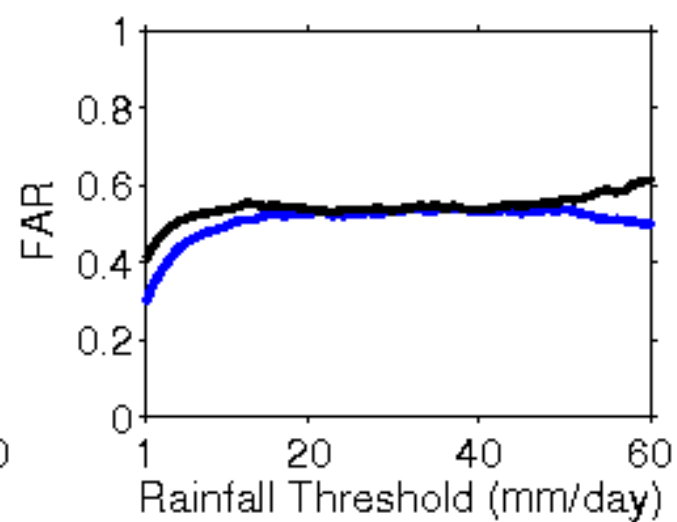
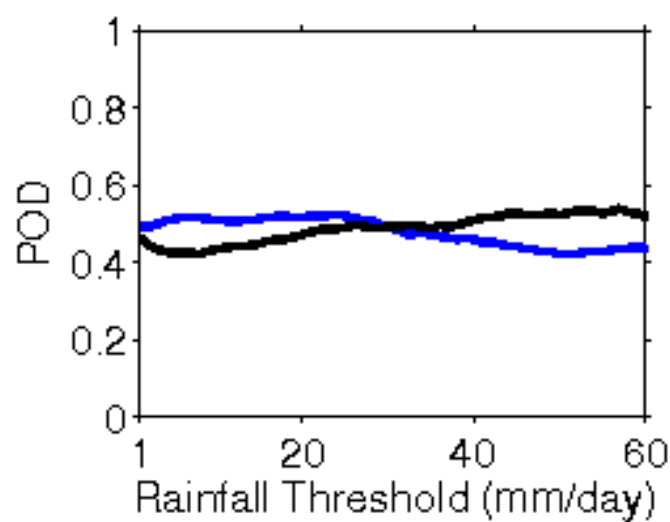
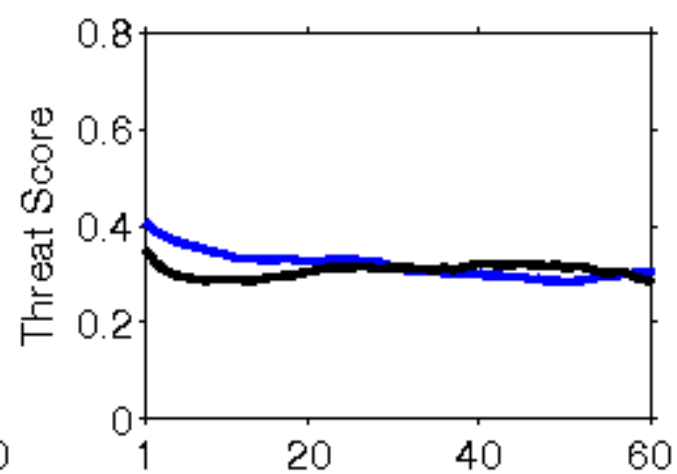
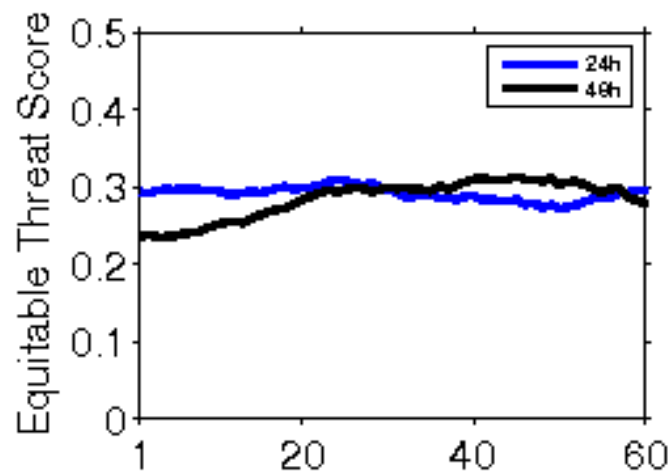
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.63(-0.79)	16.29(9.00)	1.79(0.75)
48 Hour	2.01(-0.55)	19.31(8.85)	2.53(0.79)
72 Hour	2.42(-0.33)	20.39(9.20)	3.06(1.09)





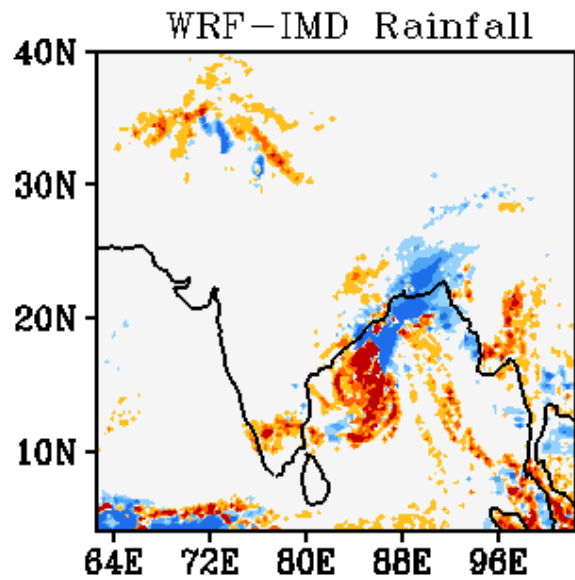
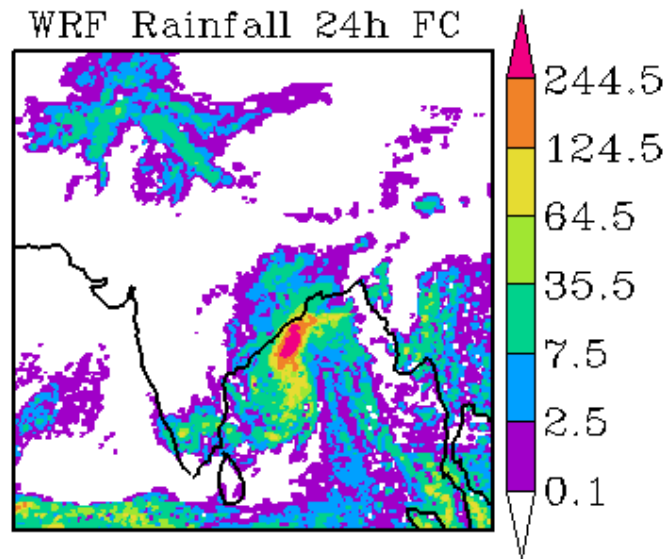
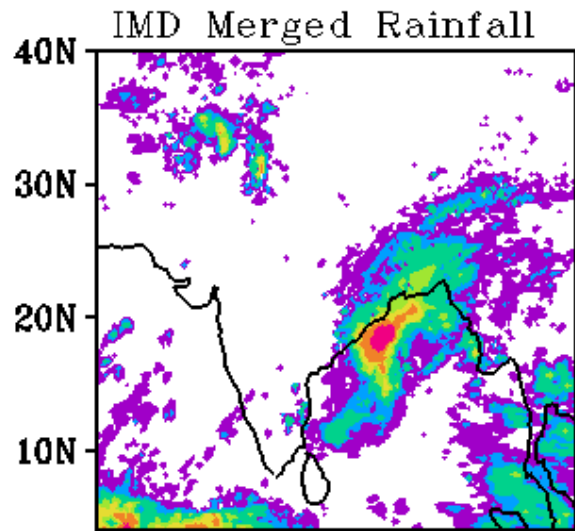
WRF Start Time
00Z 14112017

Forecast Period
03Z 15112017-03Z 16112017



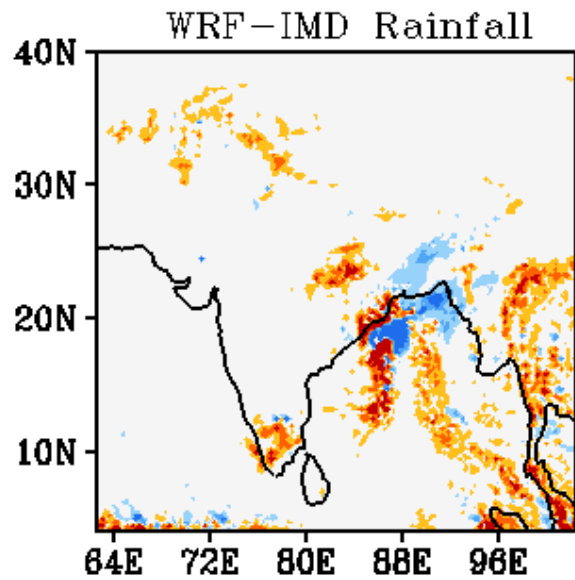
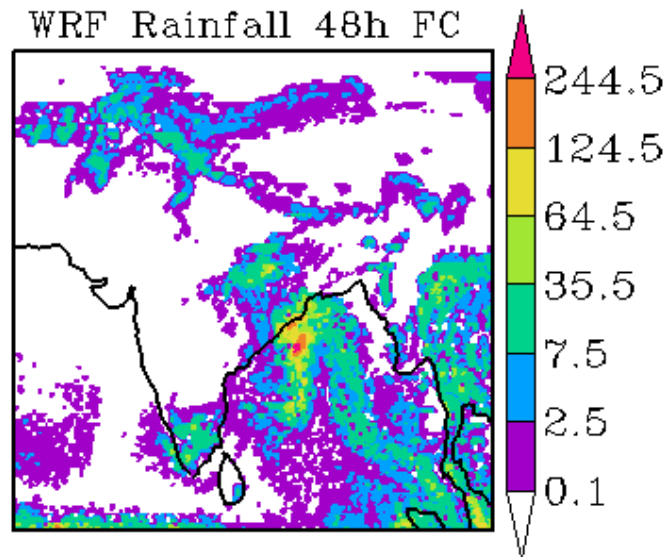
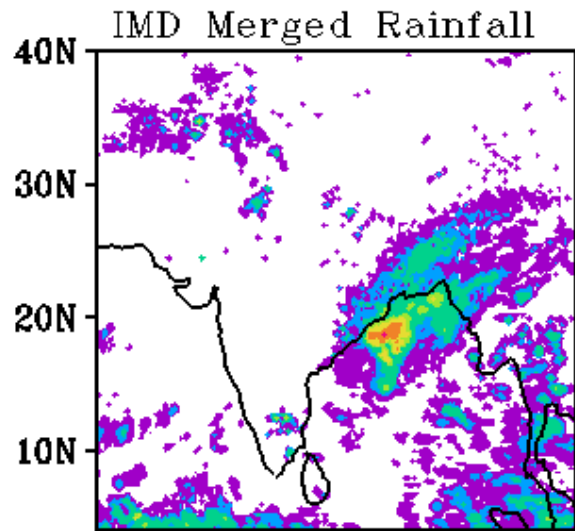
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.61(-0.52)	15.78(8.45)	2.13(0.89)
48 Hour	1.89(-0.53)	19.39(8.38)	2.42(1.11)
72 Hour	2.19(-0.34)	22.09(9.42)	2.62(0.93)



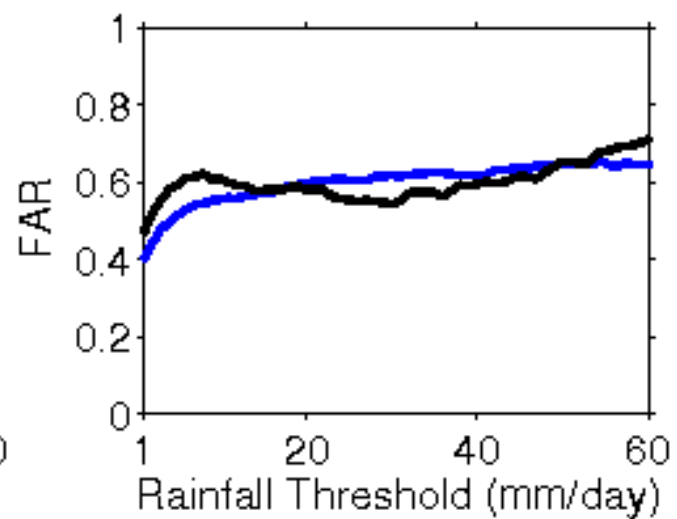
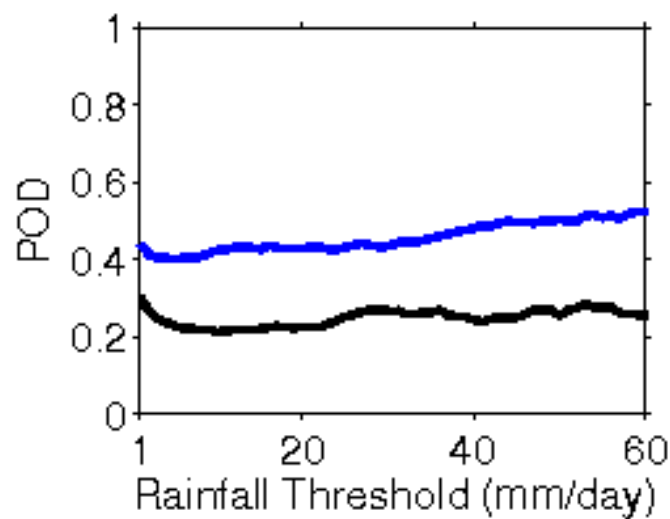
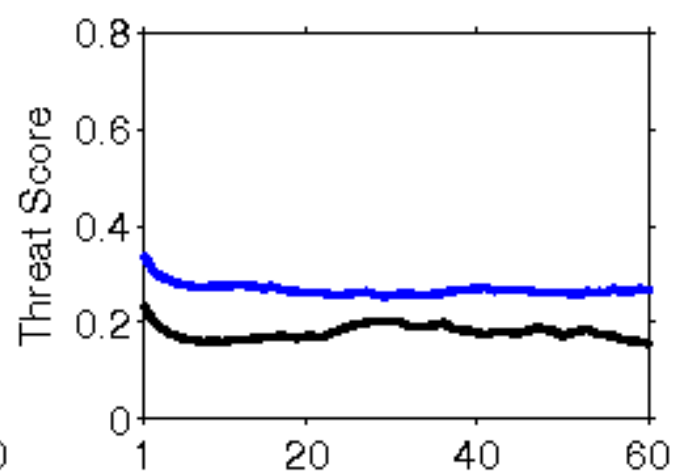
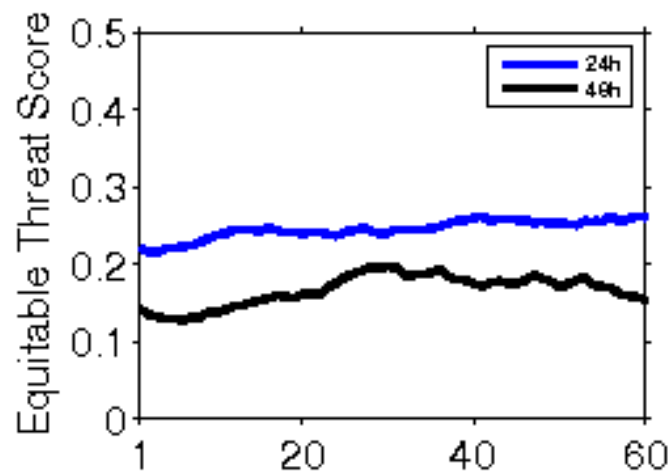
WRF Start Time
00Z 15112017

Forecast Period
03Z 15112017-03Z 16112017



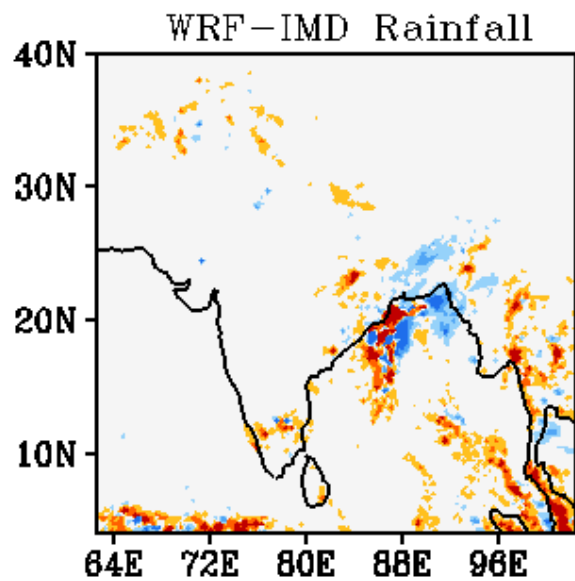
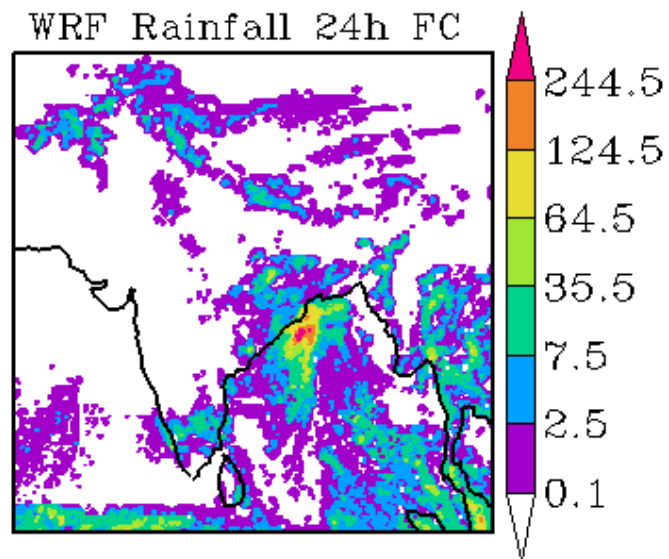
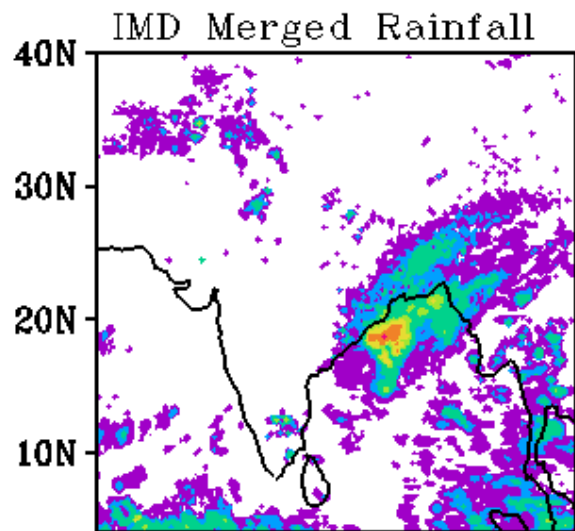
WRF Start Time
00Z 15112017

Forecast Period
03Z 16112017-03Z 17112017



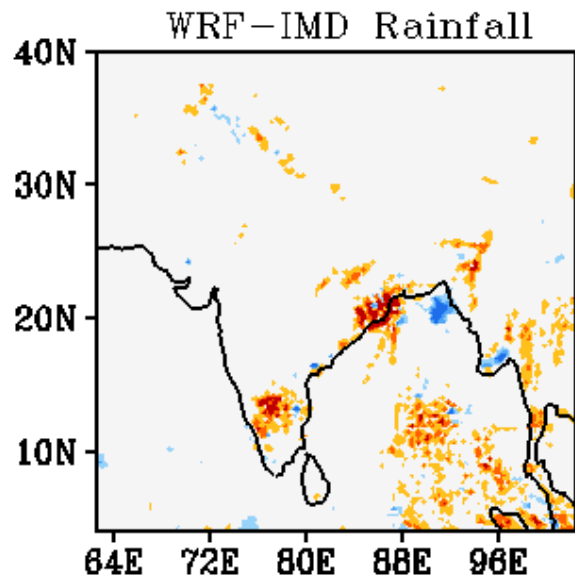
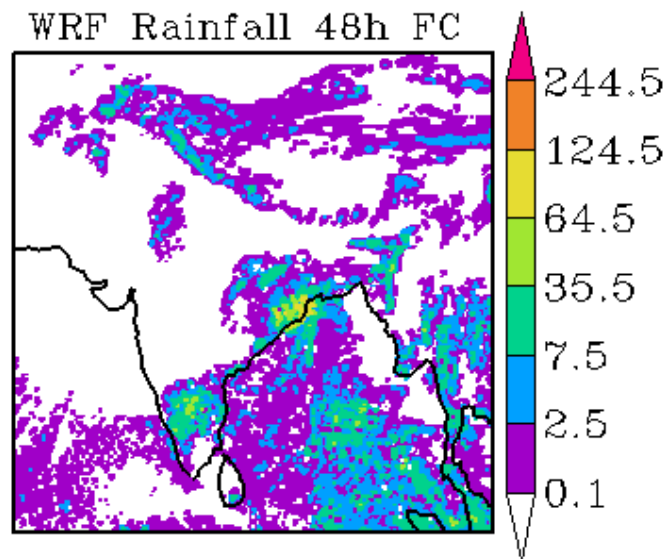
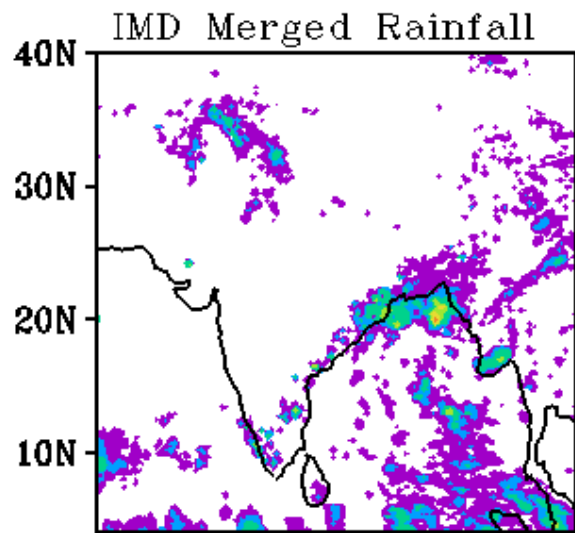
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.59(-0.55)	16.73(10.03)	2.09(1.04)
48 Hour	1.91(-0.35)	19.56(11.14)	2.21(0.81)
72 Hour	2.17(-0.41)	19.95(9.43)	2.50(0.85)



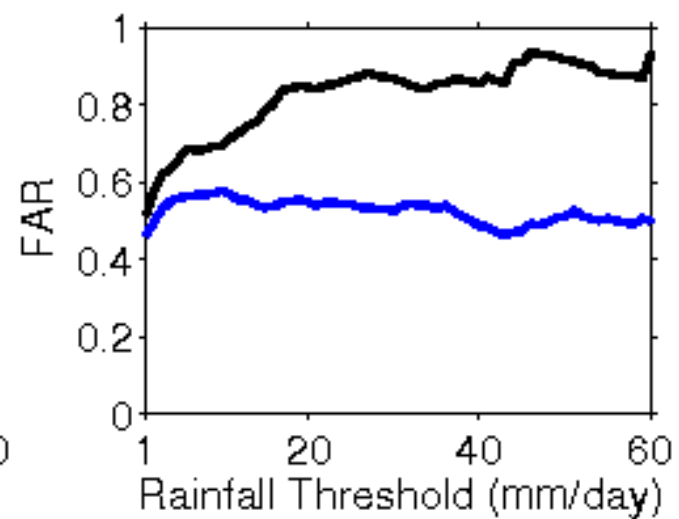
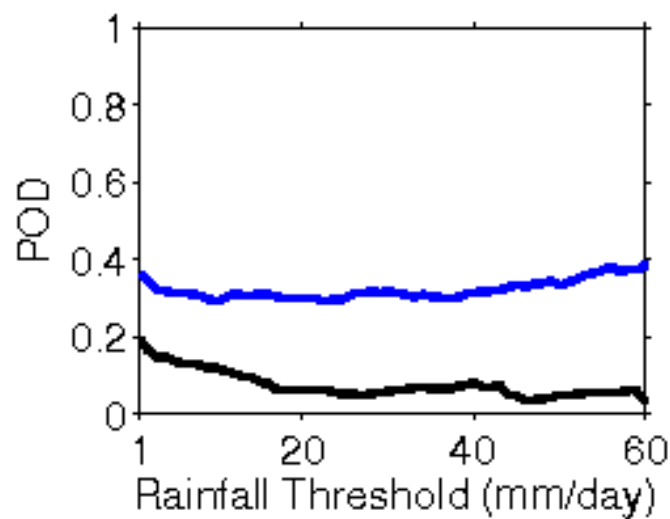
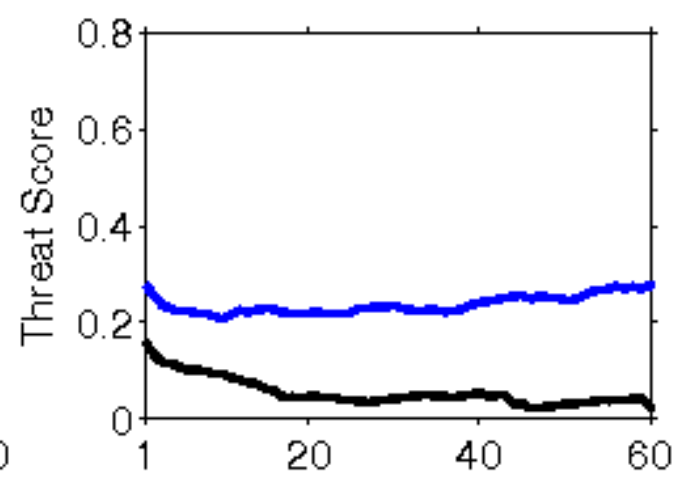
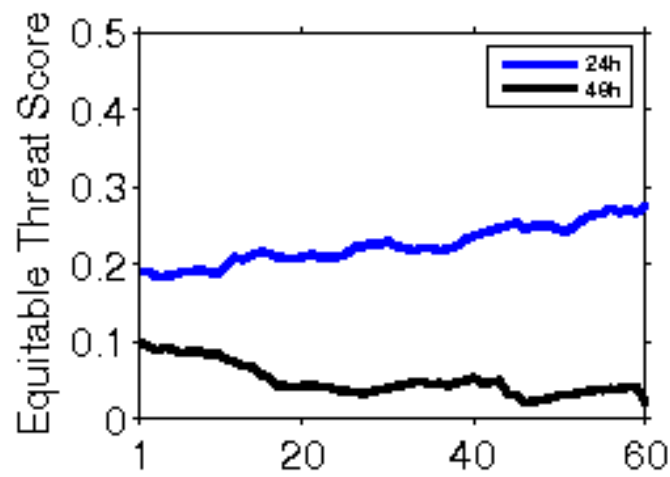
WRF Start Time
00Z 16112017

Forecast Period
03Z 16112017-03Z 17112017



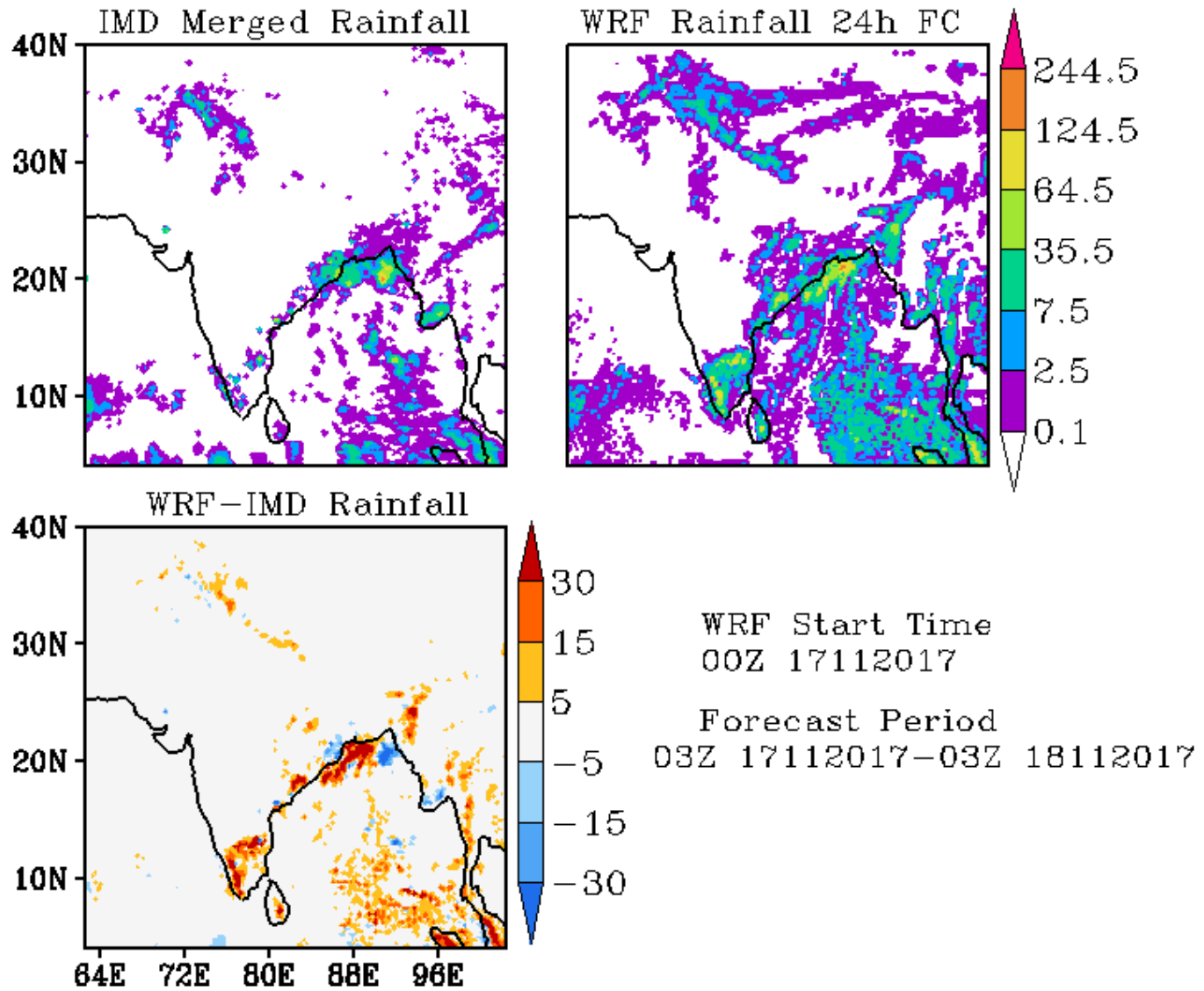
WRF Start Time
00Z 16112017

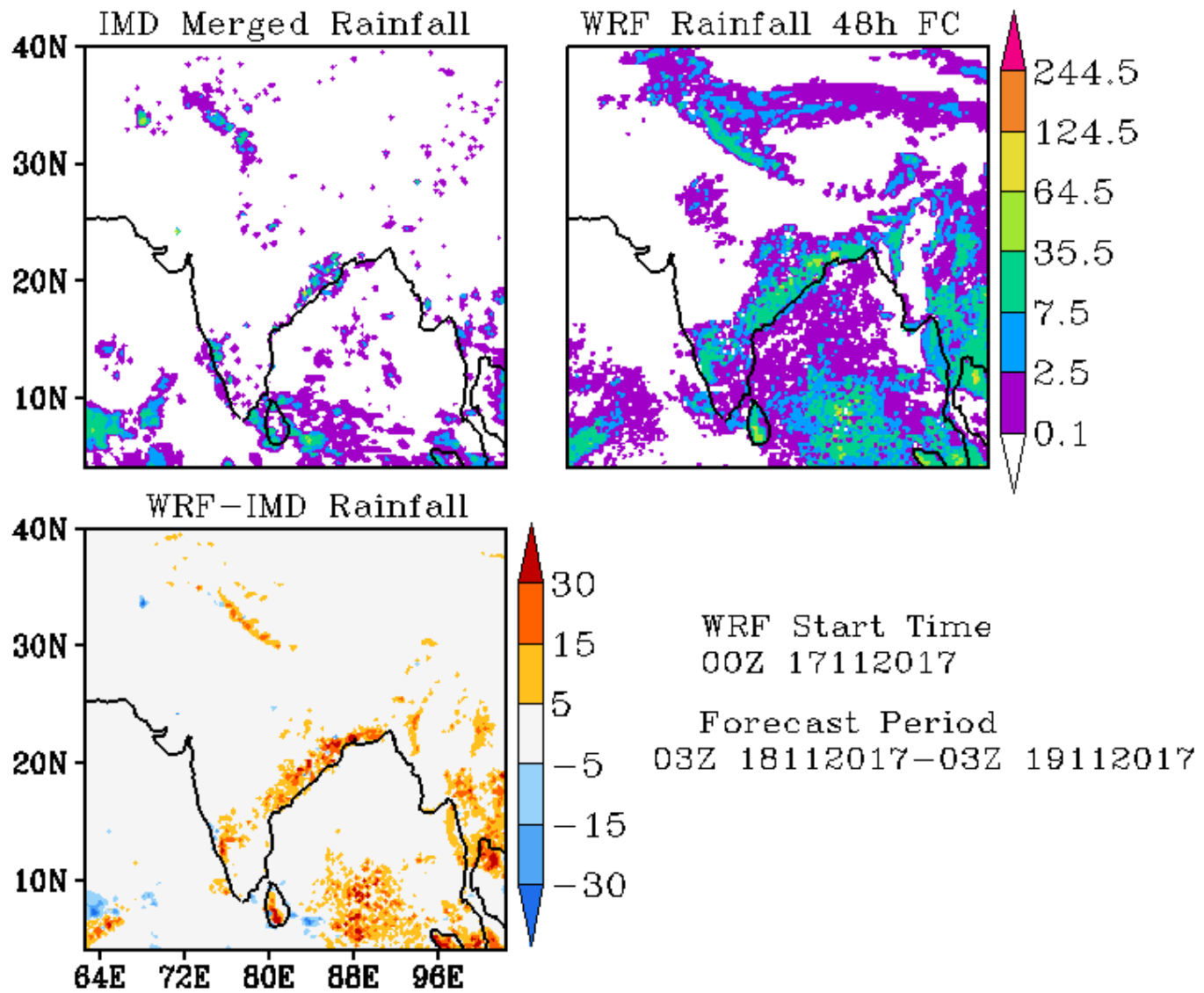
Forecast Period
03Z 17112017-03Z 18112017



**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

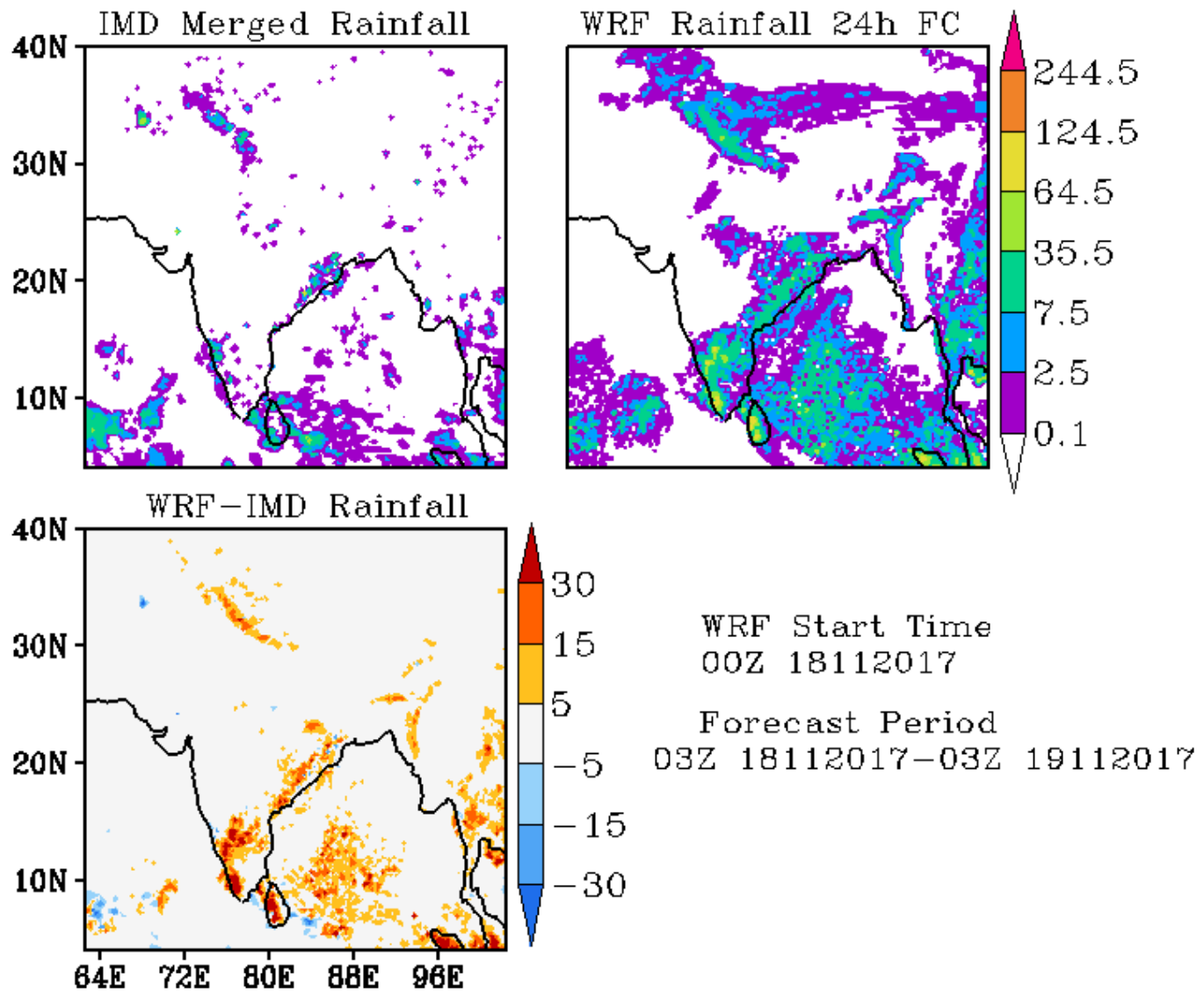
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.62(-0.63)	14.87(8.27)	1.87(0.76)
48 Hour	2.01(-0.35)	17.14(9.37)	1.99(0.93)
72 Hour	2.34(-0.20)	18.56(11.03)	2.24(0.88)

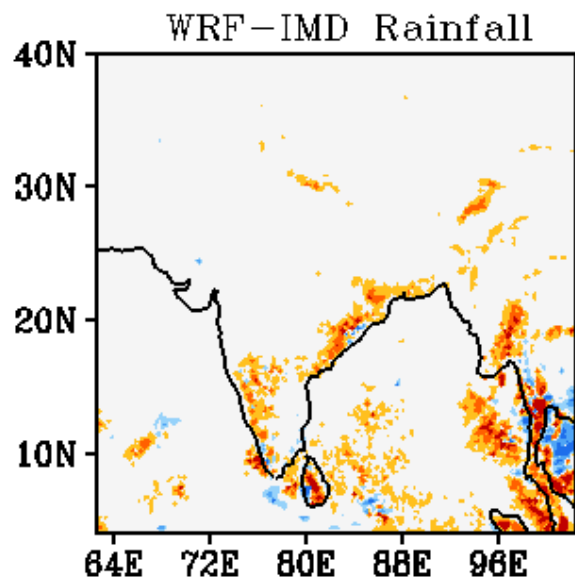
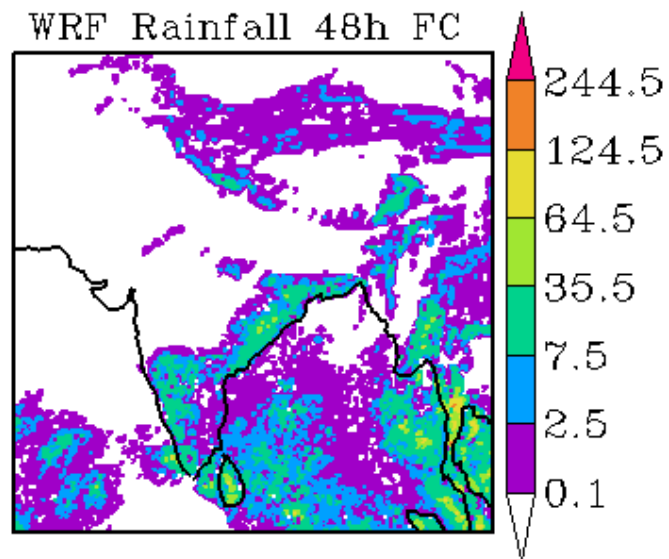
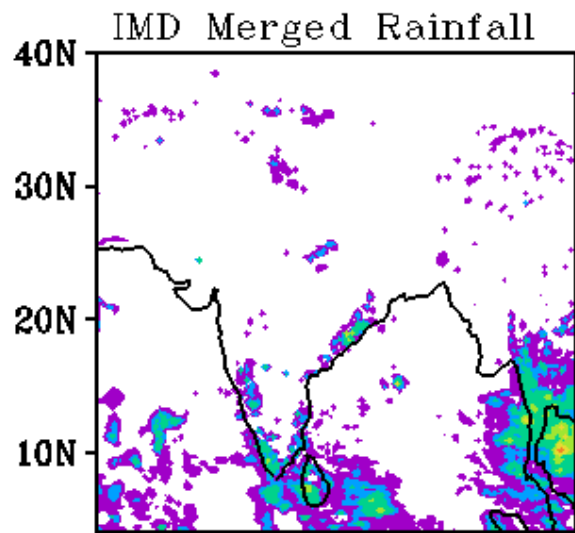




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

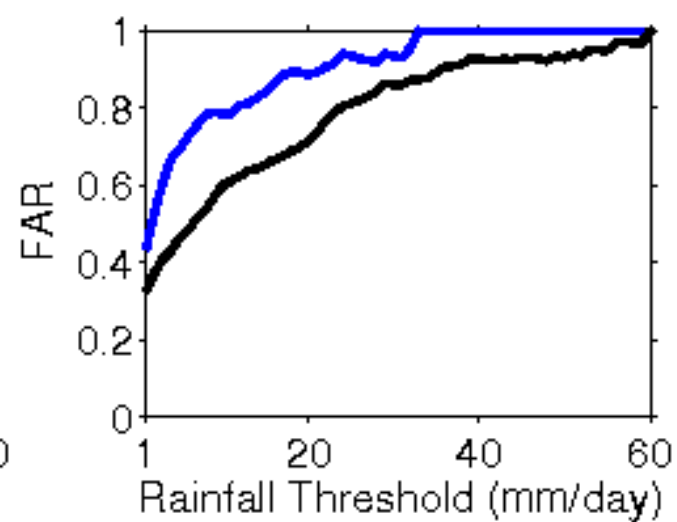
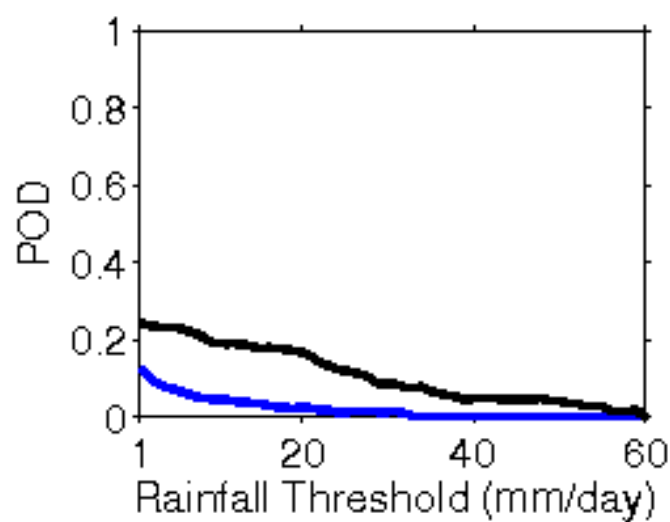
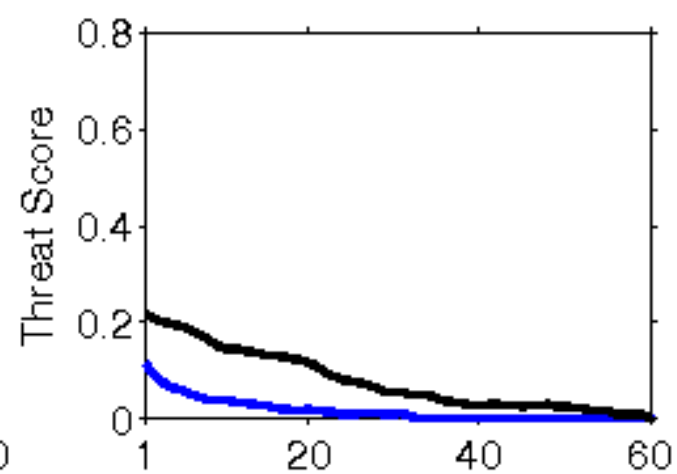
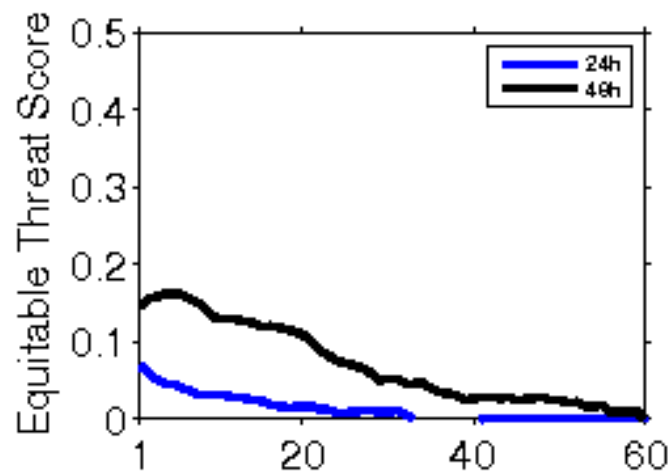
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.51(-0.54)	15.41(7.87)	1.83(0.87)
48 Hour	1.99(-0.56)	15.76(6.89)	2.02(0.97)
72 Hour	2.33(-0.16)	18.10(9.88)	2.15(1.13)





WRF Start Time
00Z 18112017

Forecast Period
03Z 19112017-03Z 20112017



**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

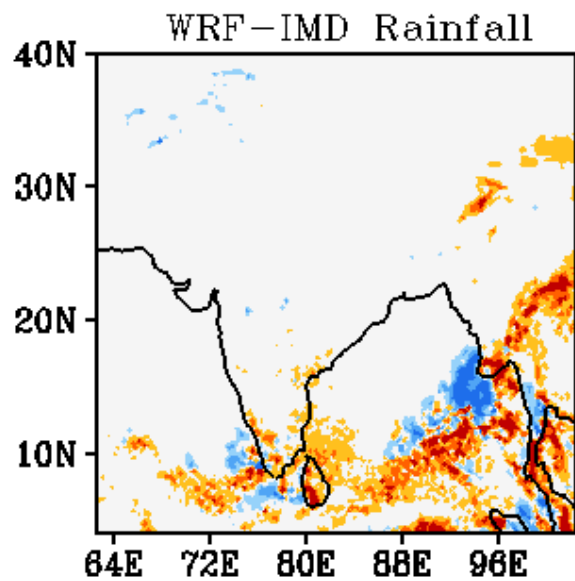
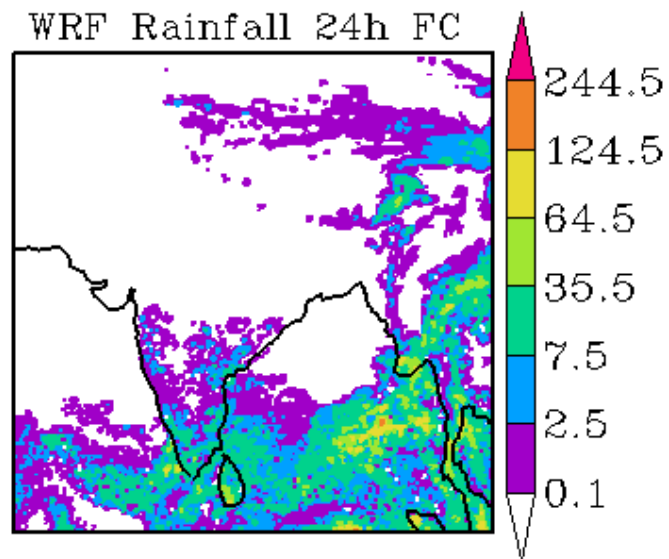
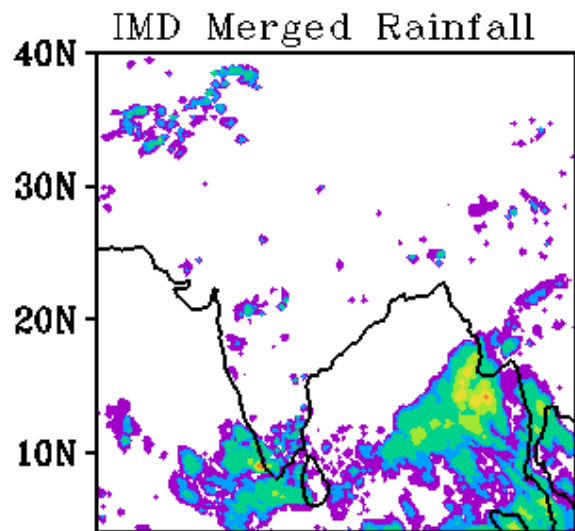
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.63(-0.57)	14.87(7.45)	1.84(0.67)
48 Hour	2.37(-0.42)	16.49(6.12)	1.98(0.97)
72 Hour	3.12(-0.32)	19.28(6.41)	2.28(0.91)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.65(-0.68)	14.79(6.37)	1.75(0.89)
48 Hour	2.33(-0.61)	16.64(5.92)	2.10(1.03)
72 Hour	2.90(-0.37)	18.79(6.32)	2.70(1.01)

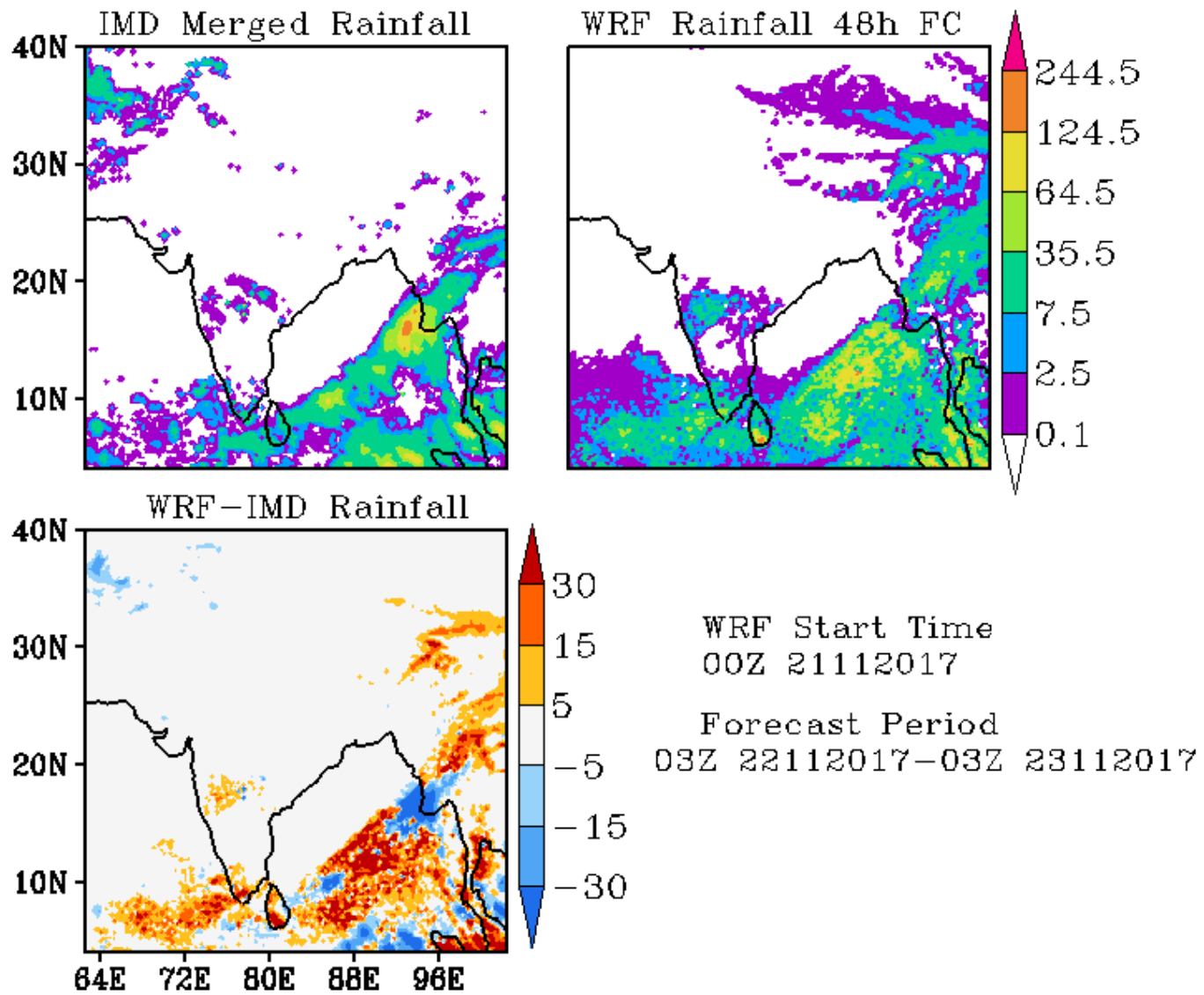
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

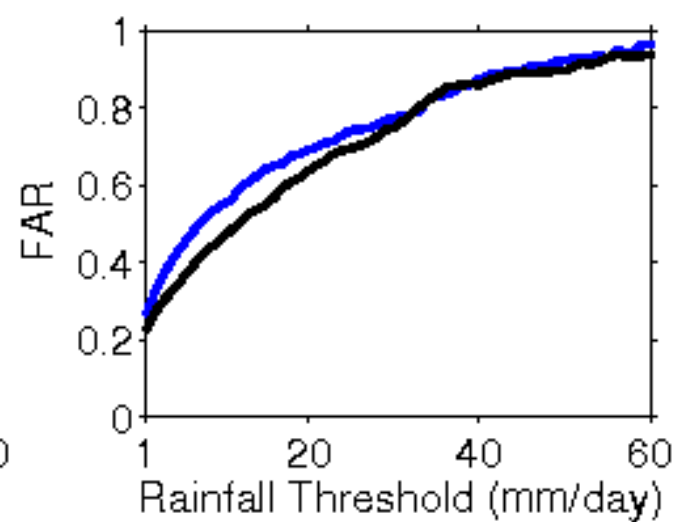
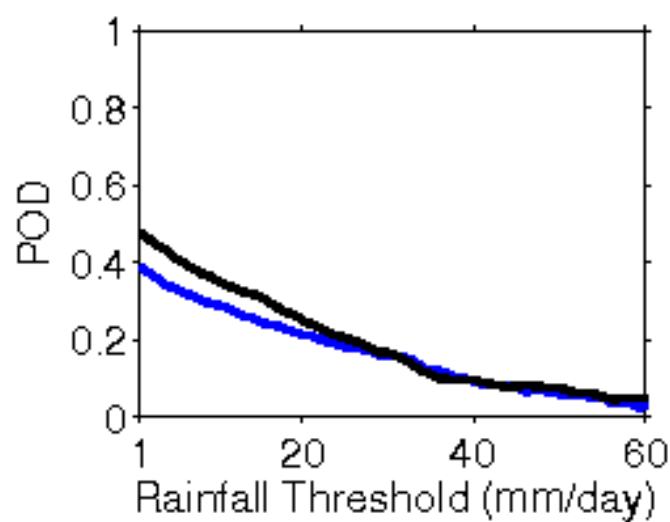
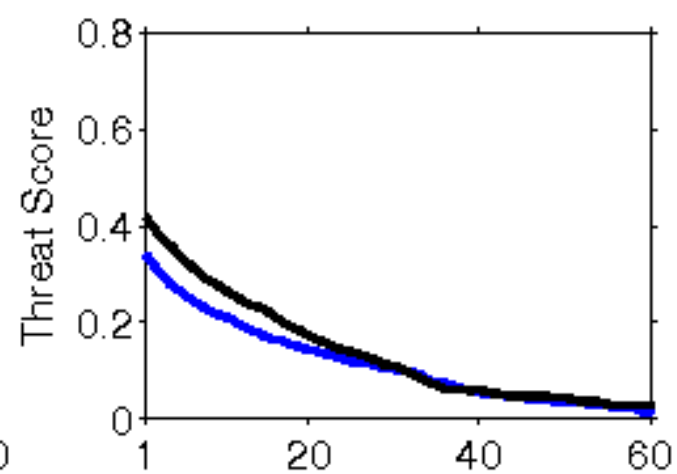
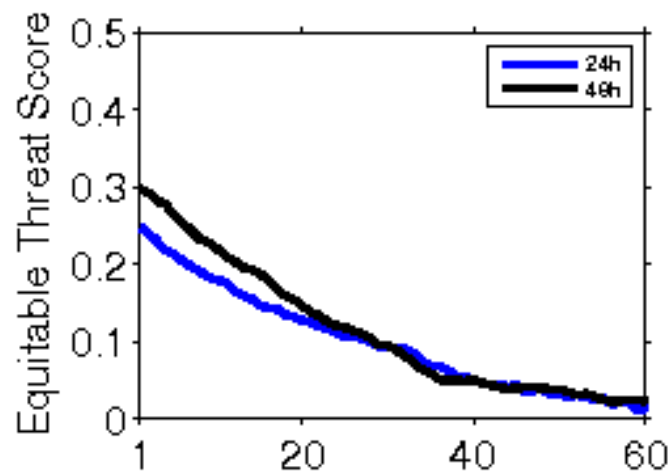
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.74(-0.68)	15.42(5.80)	1.79(0.55)
48 Hour	2.24(-0.63)	16.65(4.93)	2.17(0.97)
72 Hour	2.99(-0.69)	17.97(4.61)	2.37(0.90)



WRF Start Time
00Z 21112017

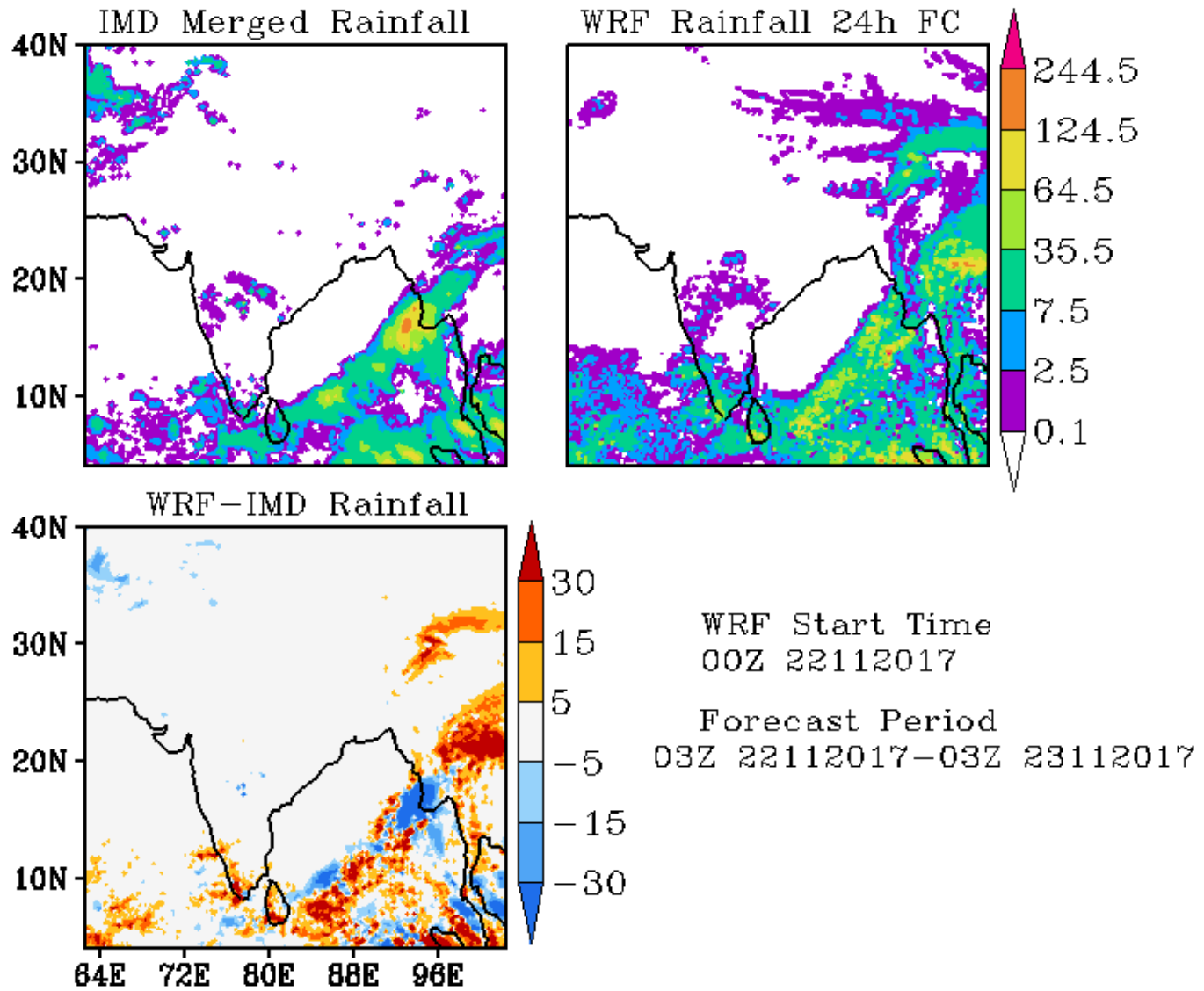
Forecast Period
03Z 21112017-03Z 22112017

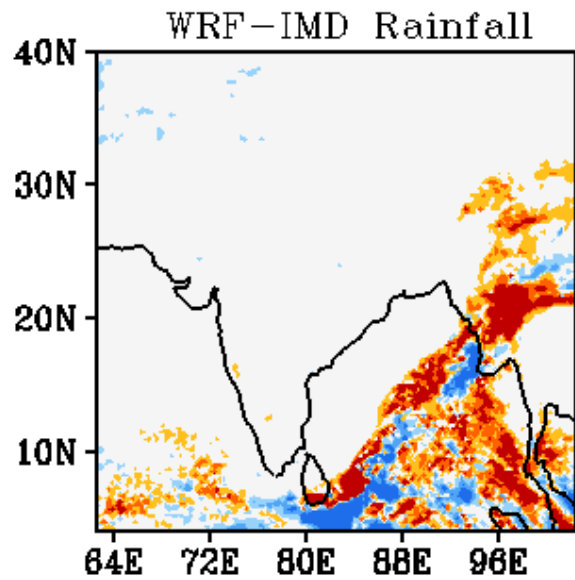
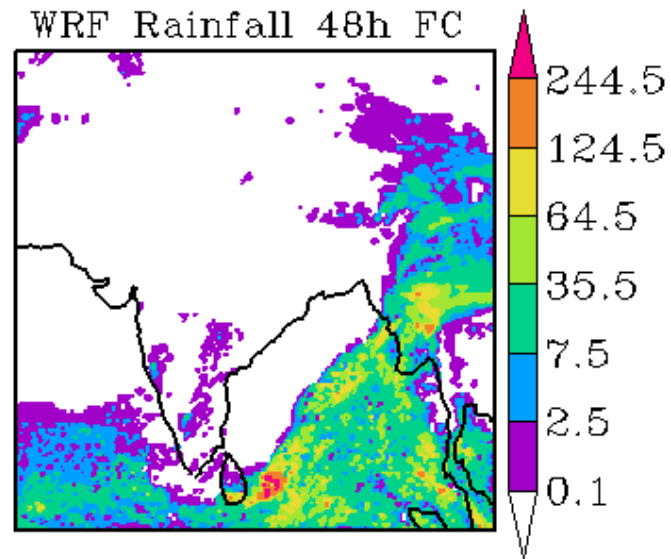
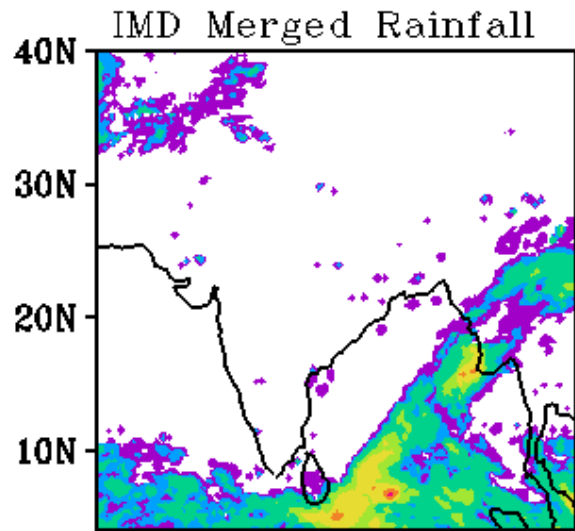




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

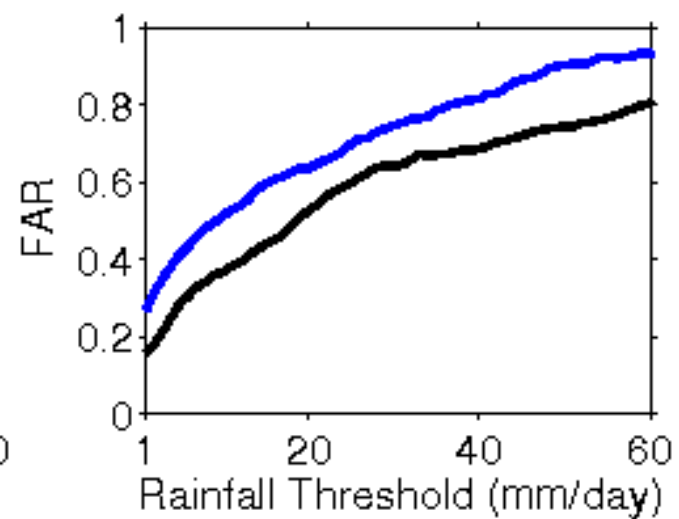
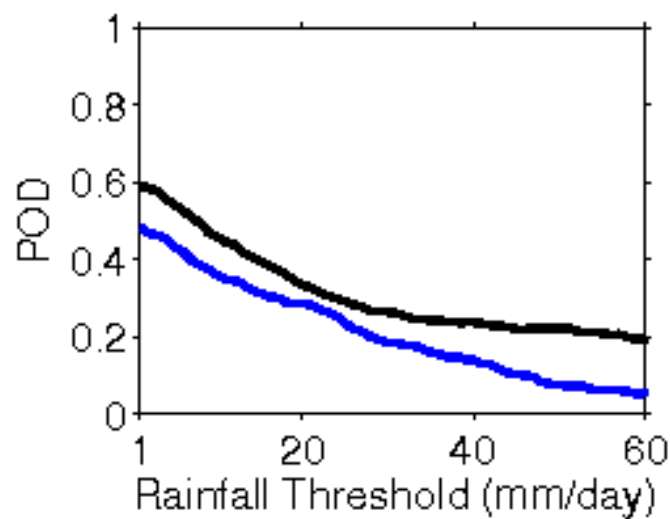
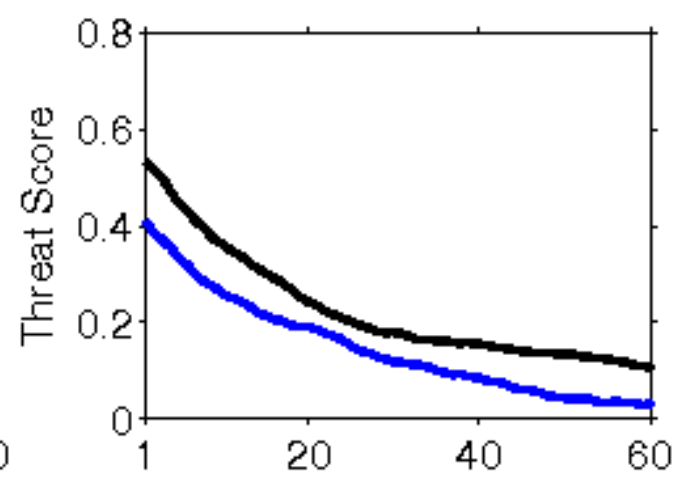
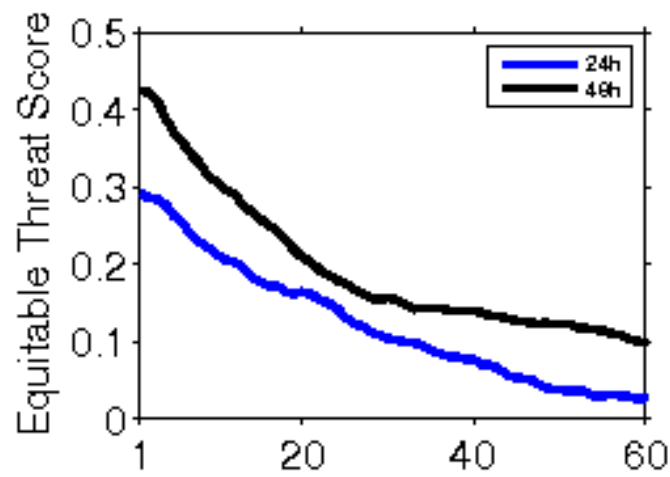
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.73(-0.68)	15.25(5.59)	1.81(0.96)
48 Hour	2.23(-0.71)	15.75(5.14)	2.10(1.04)
72 Hour	2.73(-0.66)	16.30(4.28)	2.74(1.15)





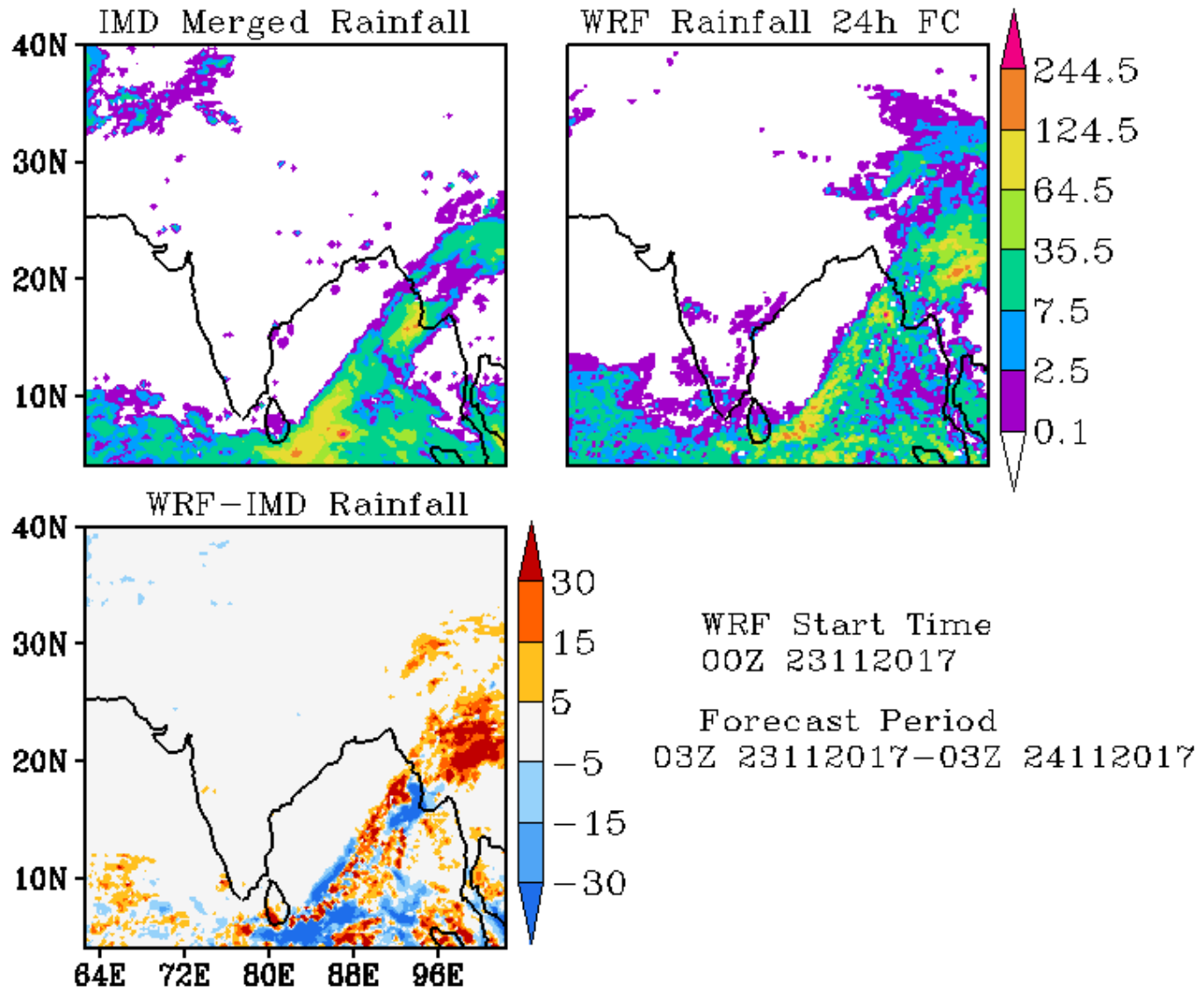
WRF Start Time
00Z 22112017

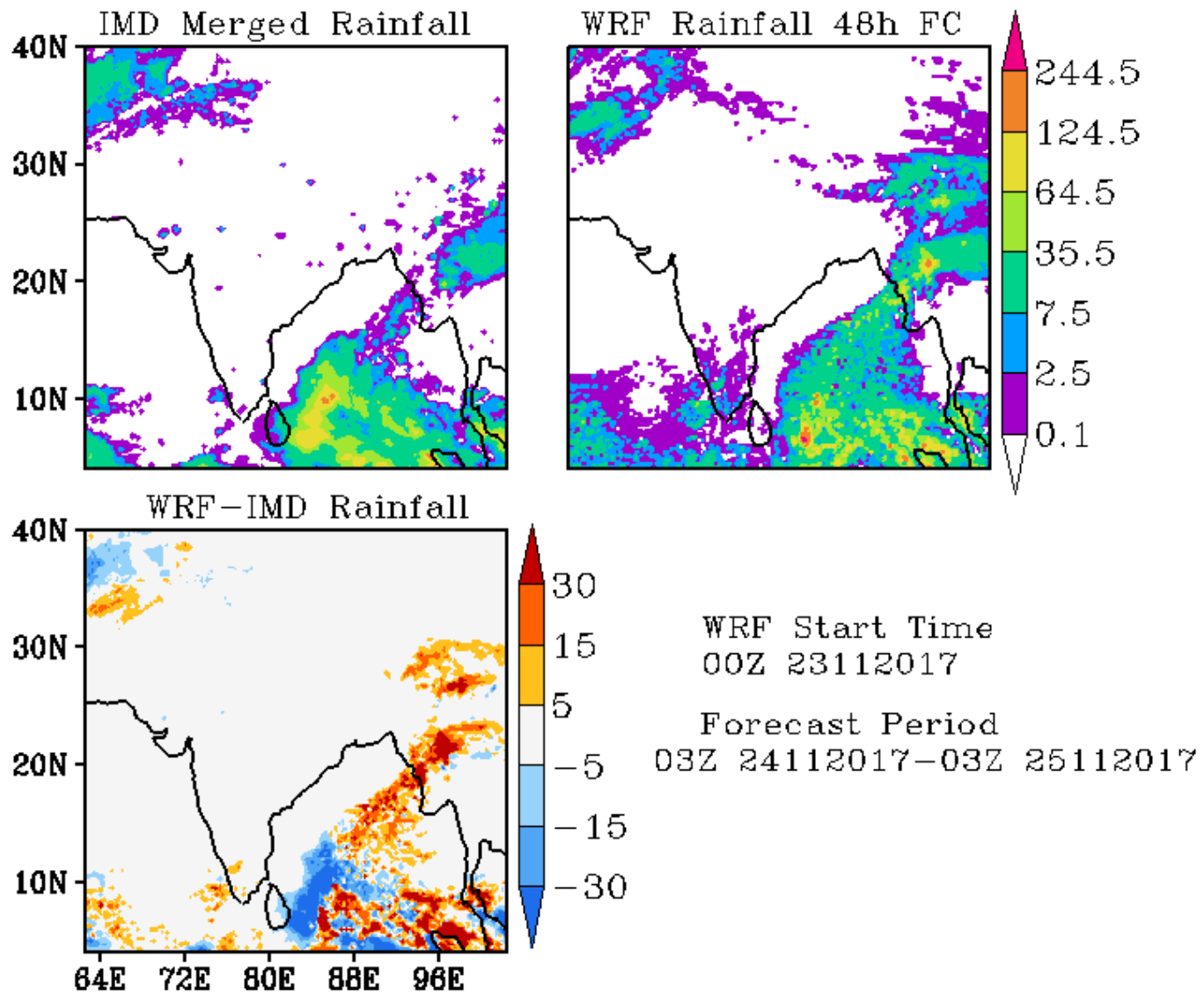
Forecast Period
03Z 23112017-03Z 24112017

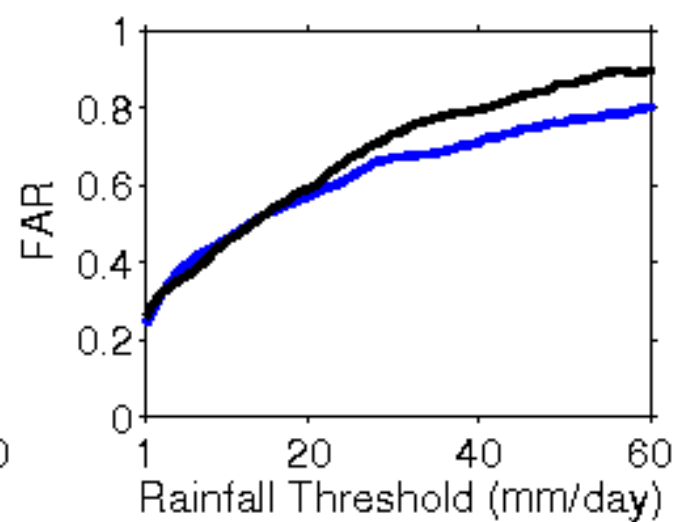
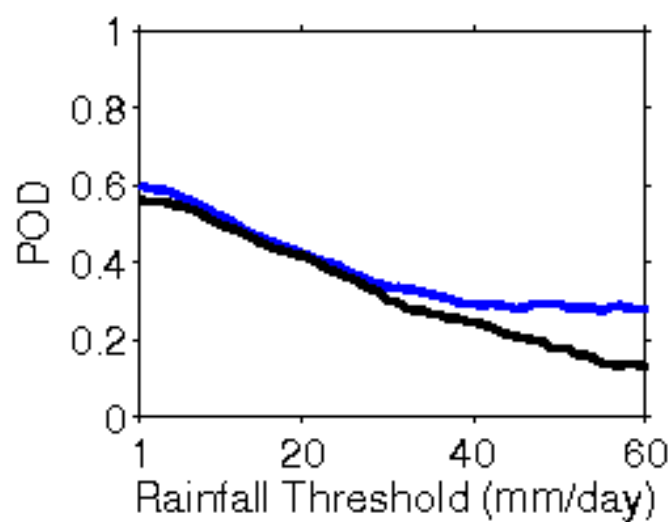
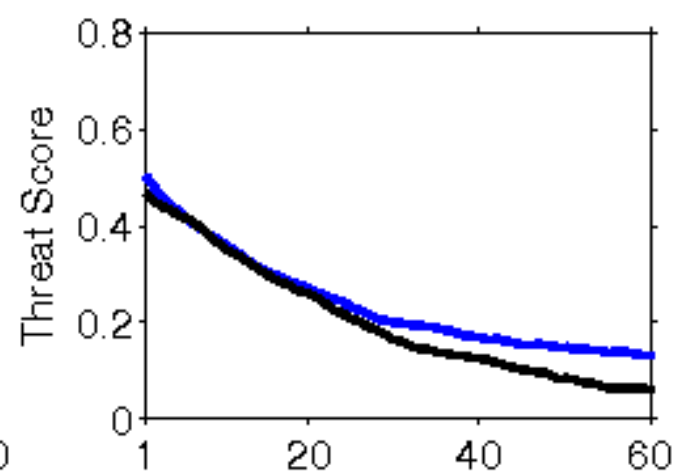
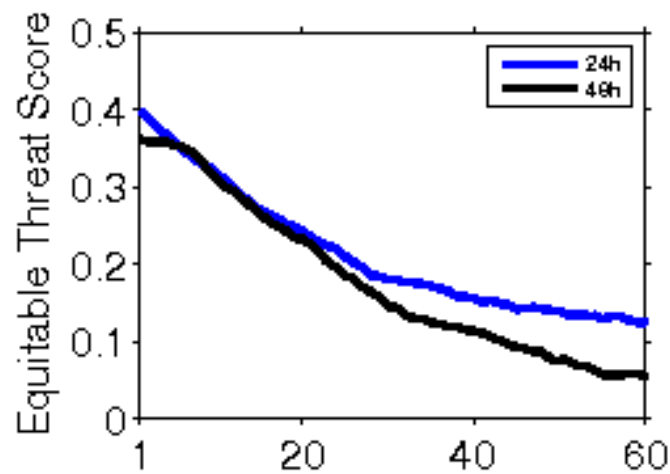


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.66(-0.64)	15.17(7.15)	1.94(1.05)
48 Hour	2.11(-0.54)	16.20(6.87)	2.39(1.15)
72 Hour	2.65(-0.76)	19.03(5.98)	2.65(1.10)

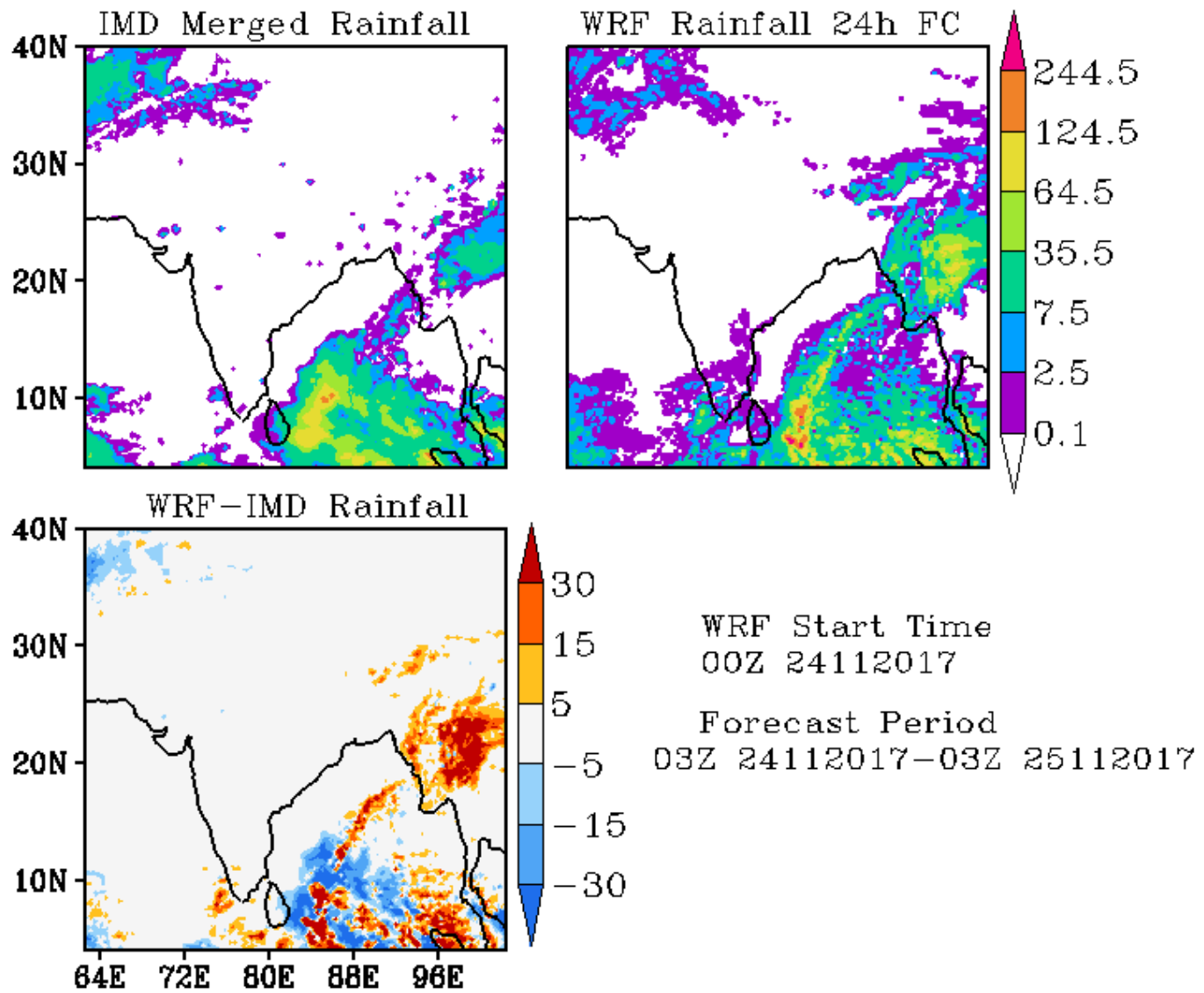


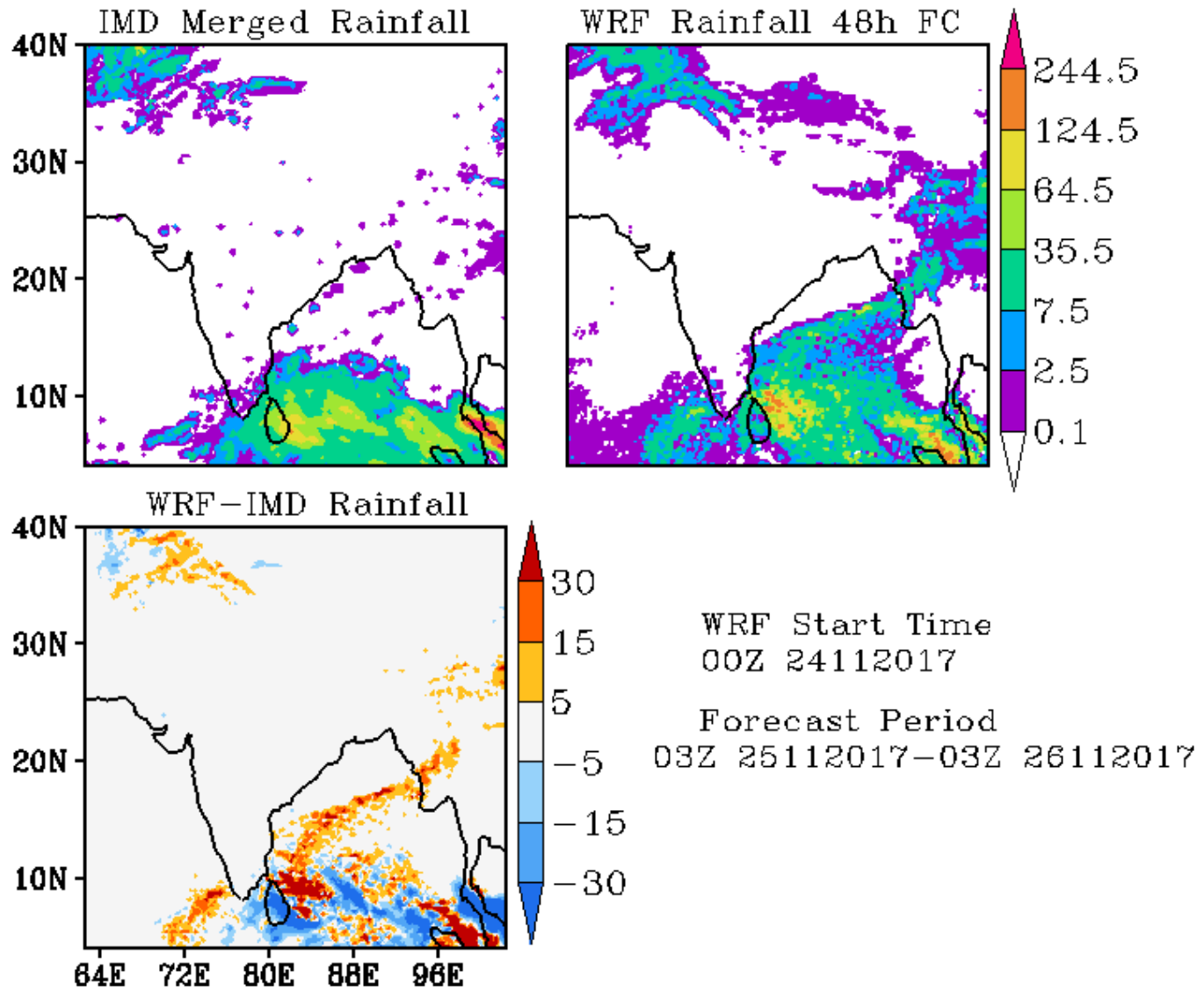


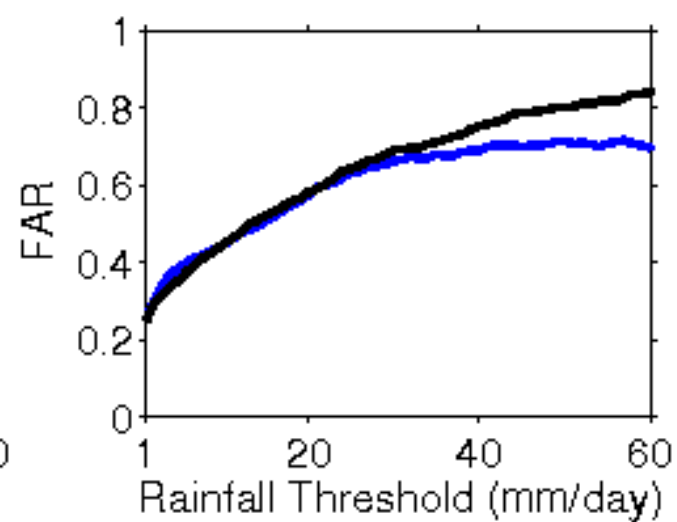
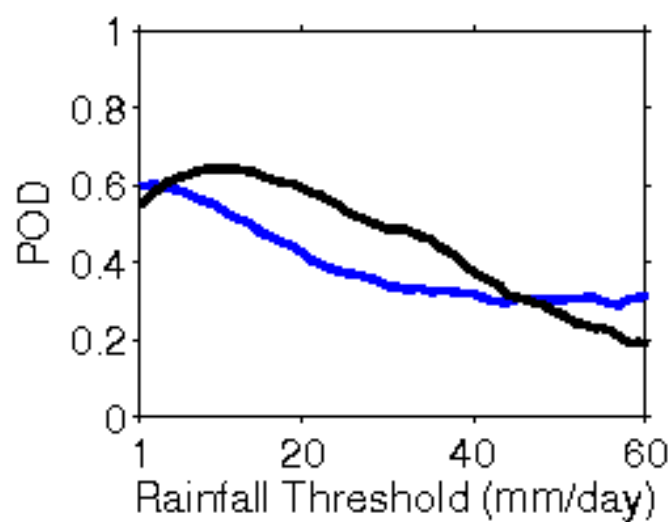
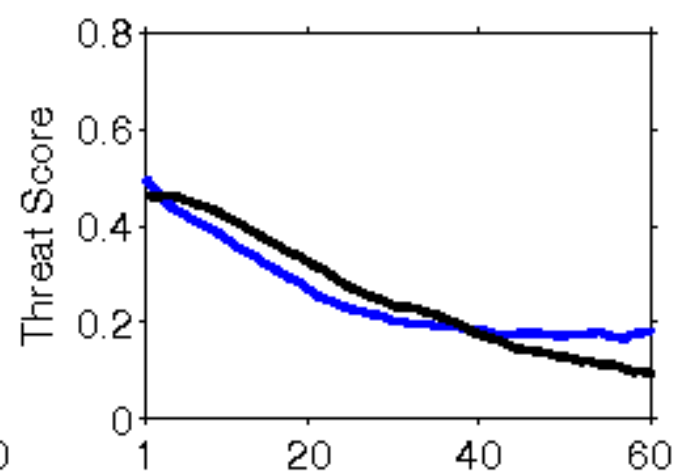
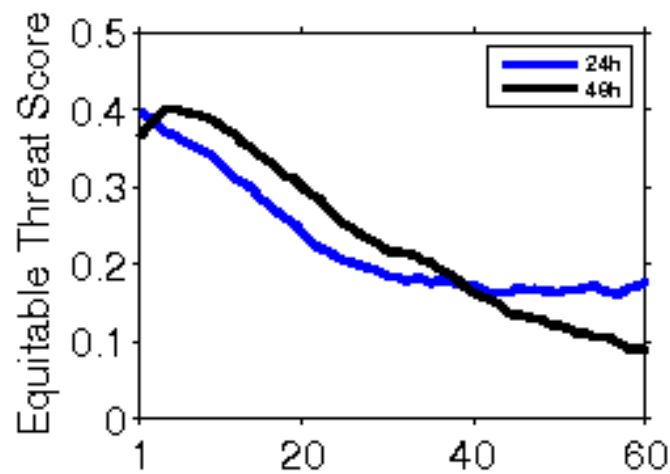


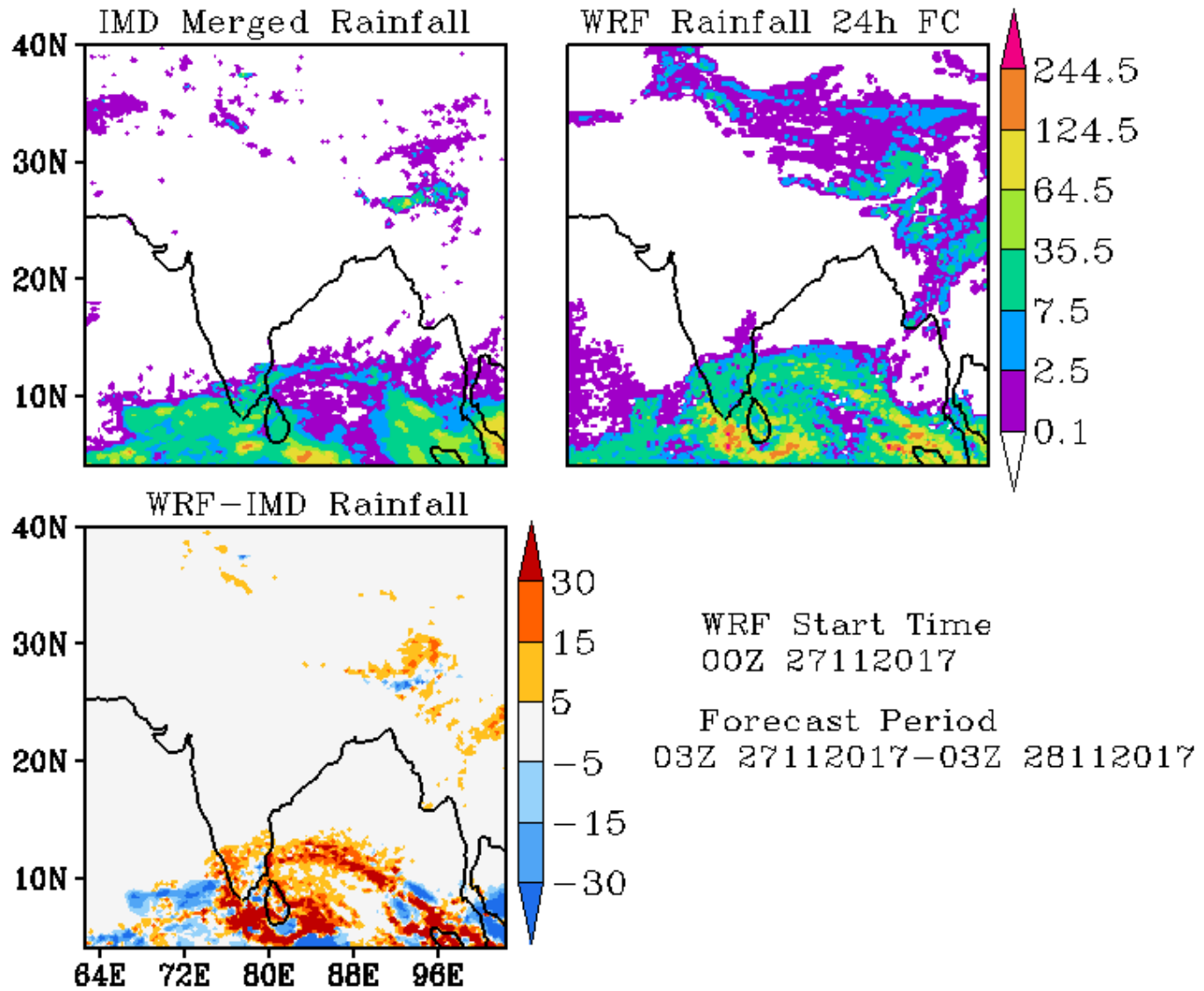
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

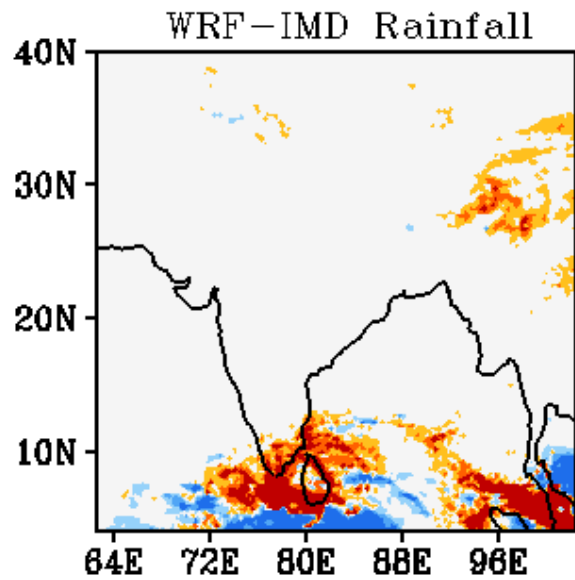
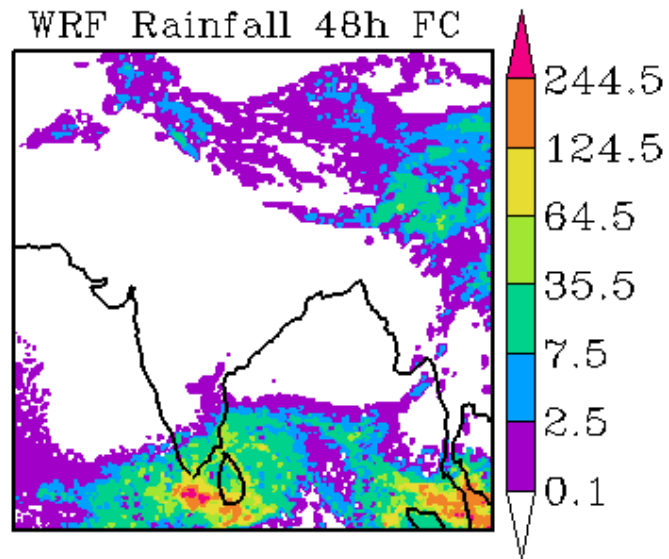
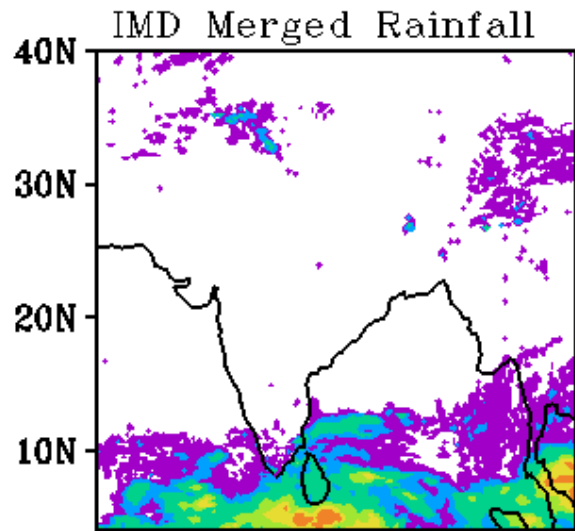
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.70(-0.65)	17.51(9.50)	1.87(1.09)
48 Hour	1.99(-0.48)	21.42(8.10)	2.51(1.39)
72 Hour	2.41(-0.49)	24.09(7.19)	2.89(1.73)





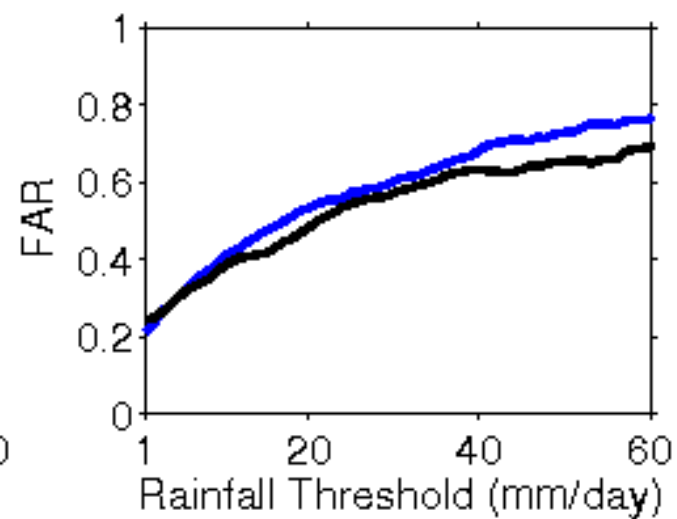
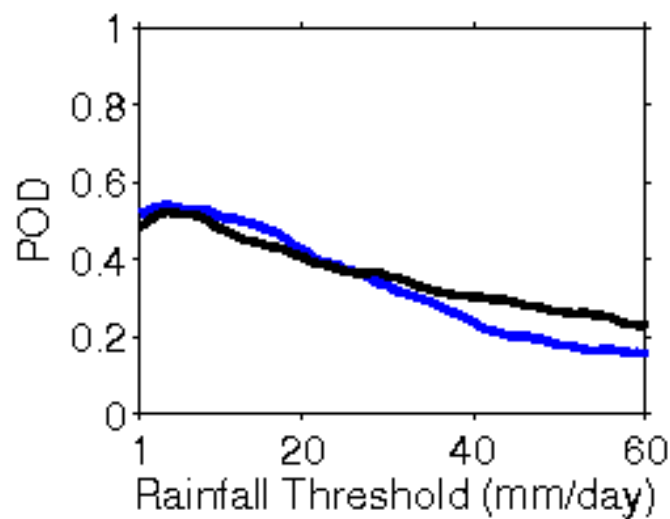
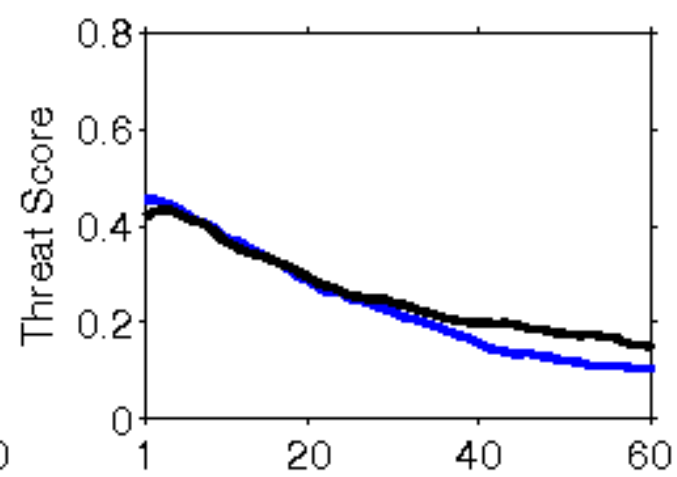
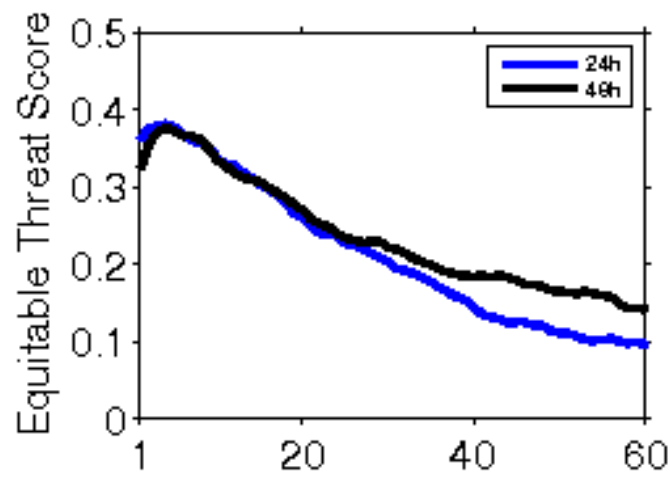






WRF Start Time
00Z 27112017

Forecast Period
03Z 28112017-03Z 29112017



**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-11-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.88(-0.82)	15.90(7.77)	2.07(1.17)
48 Hour	2.04(-0.62)	14.79(7.74)	2.80(1.03)
72 Hour	2.08(-0.45)	15.62(5.91)	3.55(1.21)